

NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH TRANSCRIPTION IN PLANTS

This application claims priority under 35 U.S.C §120 of applications No. 09/474,435 filed December 28, 1999, 09/654,617 filed September 5, 2000, No.

5 09,684,016 filed October 10, 2000, No. 09/733,089 filed 12/11/00, No. 09/620,392 filed July 19, 2000, all of which are herein incorporated by reference in their entirety.

INCORPORATION OF SEQUENCE LISTING

Two copies of the sequence listing (Seq. Listing Copy 1 and Seq. Listing Copy 2) and a computer-readable form of the sequence listing, all on CD-ROMs, each containing
10 the file named pa_00309G.txt, which is 45,480,235 bytes (measured in MS-DOS) and was created on March 22, 2001, are herein incorporated by reference.

FIELD OF THE INVENTION

The present invention is in the field of plant molecular biology. More
15 specifically, this invention pertains to nucleic acid fragments encoding transcription factors, transcription factors, antibodies to transcription factors as well as plants and other organisms expressing transcription factors. This invention also relates to methods of using such agents, for example, in plant breeding.

BACKGROUND OF THE INVENTION

20 Transcription is the essential first step in the conversion of the genetic information in the DNA into protein and the major point at which gene expression is controlled. Transcription of protein-coding genes is accomplished by the multisubunit enzyme RNA polymerase II and an ensemble of ancillary proteins called transcription factors. Basal (or general) transcription factors (a universal set of cellular proteins required for the transcription
25 of all protein-coding genes) assist RNA polymerase II in aligning itself to the core region encompassing the transcription initiation site of genes and accurately initiating transcription. RNA polymerase II, basal transcription factors and an array of other proteins known as transcription co-factors comprise the basal transcription machinery that determines the constitutive level of gene transcription. Other transcription factors, termed gene-specific
30 transcription factors, modulate transcription of a subset of protein-coding genes in

response to specific environmental signals through binding to characteristic, cis-acting DNA sequence elements (motifs) and interactions with the basal transcription machinery. Cis-acting DNA sequence elements are often parts of larger regulatory entities called promoters or enhancers which confer a specific expression pattern to linked transcription units, their target genes. Collectively, these regions might bind several different gene-specific transcription factors each of which might contribute positively (activators) or negatively (repressors) to transcription initiation and rate. Protein-protein interactions between DNA-bound gene-specific transcription factors often result in synergistic or inhibitory regulatory effects. It is the sum of these combinatorial interactions that defines the transcriptional identity of a gene, turning genes on and off as appropriate for a specific biological context. In this manner, genes can be regulated, for example, tissue specifically, with a certain temporal or developmental pattern or become responsive to exogenous cues.

The identification of transcription factors and the subsequent modification of their activity may result in dramatic changes to a plant leading to plants with highly desirable, commercial traits. Root growth, tolerance to salt or cold stress, and flower characteristics are only some examples of plant traits which may be altered by modifying transcription factors.

Transcription factors may be identified by the presence of conserved functional domains. Typically, they are comprised of two domains that represent discrete functional entities. One of these is responsible for sequence-specific DNA recognition and binding (DNA binding domain); and the other facilitates communication with the basal transcription machinery, resulting in either the activation or repression of transcription initiation (transeffector domain). In addition, transcription factors also may contain oligomerization domains. This domain type may be adjacent to or overlap DNA binding domains and may act with them to effect the transcription factor's affinity for certain cis elements or other aspects of transcription factor activity. Nuclear localization signals which are characterized by a core peptide enriched in arginine and lysine may be present as well.

Such functional domains may be identified by examining the primary amino acid sequence of a putative transcription factor. For example, one class of transcription

factors, the leucine zipper proteins, derive their name from the repeats they share of four or five leucine residues precisely seven amino acids apart. These domains provide hydrophobic faces through which leucine zipper proteins interact to form dimers. Zinc finger proteins are transcription factors so called because of the presence of repeated motifs of cysteine and histidine that are reported to fold up into a three-dimensional structure coordinated by a zinc ion.

Protein domains indicative of transcription factors have been described using Profile Hidden Markov Models (*e.g.* Profile HMM). Profile HMMs are based on position specific sequence information from multiple alignments. Different residues in a functional sequence are subject to different selective pressures. Multiple alignments of a sequence family reveal this in their pattern of conservation. Some positions are more conserved than others, and some regions of a multiple alignment are reported to tolerate insertions and deletions more than other regions.

An HMM (Hidden Markov Model) is used to statistically describe a protein family's consensus sequence. This statistical description can be used for sensitive and selective database searching. The model consists of a linear sequence of nodes with a "begin" state and an "end" state. A typical model can contain hundreds of nodes. Each node between the beginning and end state corresponds to a column in a multiple alignment. Each node in an HMM has a match state, an insert state, and a delete state with position-specific probabilities for transitioning into each of these states from the previous state. In addition to a transition probability, the match state also has position specific probabilities for emitting a particular residue. Likewise, the insert state has probabilities for inserting a residue at the position given by the node. There is also a chance that no residue is associated with a node. That probability is indicated by the probability of transitioning to the delete state. Both transition and emission probabilities can be generated from a multiple alignment of a family of sequences. An HMM can be aligned with a new sequence to determine the probability that the sequence belongs to the modeled family. The most probable path through the HMM (*i.e.* which transitions were taken and which residues were emitted at match and insert sites) taken to generate a sequence similar to the new sequence determines the similarity score.

Several available software packages implement profile HMMs or HMM-like models. These include SAM (cse.ucsc.edu/research/compbio/sam.html), HMMER (pfam.wustl.edu/) and HMMpro (www.netid.com/). Additionally, two collections of profile HMMs are currently available: the Pfam database (pfam.wustl.edu/) and the PROSITE Profiles database (expasy.proteome.org.au/prosite/).

Sequence similarity searches against known transcription factors or transcription factor domains resulting in statistically significant similarity between a putative and known transcription factor also provide strong evidence that both code for proteins with similar three dimensional structure and are thus likely to exhibit equivalent biochemical functions. The use of amino acid comparison methods-in particular those such as BLAST ((Altschul *et al.*, *J. Mol. Biol.* 215:403-410 (1990)) and FASTA (Pearson, W.R. and Lipman, D.J. *Proc. Natl. Acad. Sci.* 85, 2444-2448 (1988)) which are sufficiently fast to search protein sequence databases (such as NCBI's non-redundant amino acid databases, (www.ncbi.nlm.nih.gov or Transfac which contains transcription factor domains (Wingender, E., *et al.*, *Nucleic Acids Res.* 28, 316-319 (2000)) have been used for such purposes. More rigorous algorithms such as that of the Frame+ program (Compugen, www.cgen.com modeled on an algorithm designed by GCG Genetics Computer Group, Madison, WI) are also used.

Nucleic acid sequences and/or translations of nucleic acid sequences disclosed herein are cDNA and genomic sequences which have been queried for the presence of transcription factor functional domains. These sequences may be used in DNA constructs useful for imparting unique genetic properties into transgenic organisms. They may also be used to identify other transcription factor sequences.

SUMMARY OF THE INVENTION

The present invention includes and provides a substantially purified nucleic acid molecule comprising a nucleic acid sequence selected from SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof or fragment of either.

The present invention further substantially provides a purified maize transcription factor, soybean transcription factor, rice transcription factor, *Arabidopsis* transcription

factor and fragment of any encoded by a first nucleic acid sequence which specifically hybridizes to a second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of a complement of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through
 5 SEQ ID 13478.

The present invention also provides a substantially purified protein or fragment thereof comprising an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241, and SEQ ID NO: 13479 through SEQ ID NO:
 10 24143 and fragment of any.

The present invention also provides a substantially purified protein or fragment thereof encoded by a nucleic acid molecule comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478.

15 The present invention further provides a purified antibody or fragment thereof which is capable of specifically binding to a protein or fragment thereof, wherein the protein or fragment thereof comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479
 20 through SEQ ID NO: 24143.

The present invention also provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; (B) a structural nucleic acid molecule encoding a protein or fragment thereof comprising an amino acid sequence selected from
 25 the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 24143 and fragment of any; and (C) a 3' non-translated sequence that functions in the plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention also provides a transformed plant having a nucleic acid molecule which comprises: (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; which is linked to (B) a transcribed nucleic acid molecule with a transcribed strand and a non-transcribed strand, wherein the transcribed strand is complementary to a nucleic acid molecule encoding a protein or fragment thereof comprising an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 24143 and fragment of any; which is linked to (C) a 3' non-translated sequence that functions in plant cells to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of the mRNA molecule.

The present invention also provides a method for determining a level or pattern of a plant transcription factor in a plant cell or plant tissue comprising: (A) incubating, under conditions permitting nucleic acid hybridization, a marker nucleic acid molecule, the marker nucleic acid molecule selected from the group of marker nucleic acid molecules which specifically hybridize to a nucleic acid molecule having the nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO: 3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 and complements thereof or fragments of any, with a complementary nucleic acid molecule obtained from the plant cell or plant tissue, wherein nucleic acid hybridization between the marker nucleic acid molecule and the complementary nucleic acid molecule obtained from the plant cell or plant tissue permits the detection of an mRNA for the transcription factor; (B) permitting hybridization between the marker nucleic acid molecule and the complementary nucleic acid molecule obtained from the plant cell or plant tissue; and (C) detecting the level or pattern of the complementary nucleic acid, wherein the detection of the complementary nucleic acid is predictive of the level or pattern of the plant transcription factor.

The present invention provides a method of determining a mutation in a plant whose presence is predictive of a mutation affecting a level or pattern of a protein comprising the steps: (A) incubating, under conditions permitting nucleic acid hybridization,

a marker nucleic acid, the marker nucleic acid selected from the group of marker nucleic acid molecules which specifically hybridize to a nucleic acid molecule having a nucleic acid sequence selected from the group of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof and a complementary nucleic acid molecule obtained from the plant, wherein nucleic acid hybridization between the marker nucleic acid molecule and the complementary nucleic acid molecule obtained from the plant permits the detection of a polymorphism whose presence is predictive of a mutation affecting the level or pattern of the protein in the plant; (B) permitting hybridization between the marker nucleic acid molecule and the complementary nucleic acid molecule obtained from the plant; and (C) detecting the presence of the polymorphism, wherein the detection of the polymorphism is predictive of the mutation.

The present invention also provides a method of producing a plant containing an overexpressed protein comprising: (A) transforming the plant with a functional nucleic acid molecule, wherein the functional nucleic acid molecule comprises a promoter region, wherein the promoter region is linked to a structural region, wherein the structural region comprises a nucleic acid sequence encoding an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241, SEQ ID NO: 13479 through SEQ ID NO: 24143 and fragment thereof wherein the structural region is linked to a 3' non-translated sequence that functions in the plant to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of a mRNA molecule; and wherein the functional nucleic acid molecule results in overexpression of the protein; and (B) growing the transformed plant.

The present invention also provides a method of producing a plant containing reduced levels of a plant transcription factor comprising: (A) transforming the plant with a functional nucleic acid molecule, wherein the functional nucleic acid molecule comprises a promoter region, wherein the promoter region is linked to a structural region, wherein the structural region comprises a nucleic acid molecule encoding an amino acid sequence consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292

through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241, SEQ ID NO: 13479 through SEQ ID NO: 24143 and fragment thereof; wherein the structural region is linked to a 3' non-translated sequence that functions in the plant to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of a mRNA molecule; and wherein the functional nucleic acid molecule results in co-suppression of the plant transcription factor; and (B) growing the transformed plant.

The present invention also provides a method for preventing expression of a plant transcription factor in a plant cell comprising: (A) transforming the plant cell with a knockout construct, said construct comprising a nucleic acid molecule selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof or fragment of either.

The present invention also provides a method for detecting an insertion event in a genome comprising: (A) preparing a DNA composition enhanced for a plurality of insertion junctions; (B) preparing at least a first detectable array comprising said DNA composition, wherein said preparing comprises directly or indirectly attaching said DNA composition to a solid support; (C) hybridizing a gene specific probe to said array, said gene specific probe detecting said insertion event from said first array and said gene specific probe comprising a nucleic acid sequence selected from SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof or fragment of either.

The present invention also provides a method for selecting a plant having a trait, said method comprising the steps of: (A) obtaining genomic DNA from a plurality of plants; (B) analyzing genomic DNA from each of the plurality of plants to determine the presence or absence of a DNA marker that is genetically linked to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof or fragment of either and (C) selecting said plant containing said DNA marker.

The present invention also provides a method for reducing expression of a plant transcription factor in a plant comprising: (A) transforming the plant with a nucleic acid molecule, the nucleic acid molecule having an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule, wherein the exogenous promoter region is linked to a transcribed nucleic acid molecule having a transcribed strand and a non-transcribed strand, wherein the transcribed strand is complementary to a nucleic acid molecule having a nucleic acid sequence that encodes a plant transcription factor having an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 24143 or fragments thereof and the transcribed strand is complementary to an endogenous mRNA molecule; and wherein the transcribed nucleic acid molecule is linked to a 3' non-translated sequence that functions in the plant cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of a mRNA molecule; and (B) growing the transformed plant.

The present invention also provides a method of determining an association between a polymorphism and a plant trait comprising: (A) hybridizing a nucleic acid molecule specific for the polymorphism to genetic material of a plant, wherein the nucleic acid molecule has a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID 13478 and complements thereof or fragment of any; and (B) calculating the degree of association between the polymorphism and the plant trait.

The present invention also provides a method of isolating a nucleic acid that encodes a plant transcription factor or fragment thereof comprising: (A) incubating under conditions permitting nucleic acid hybridization, a first nucleic acid molecule comprising a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: through SEQ ID 13478 and complements thereof or fragment of any with a complementary second nucleic acid molecule obtained from a plant cell or

plant tissue; (B) permitting hybridization between the first nucleic acid molecule and the second nucleic acid molecule obtained from the plant cell or plant tissue; and (C) isolating the second nucleic acid molecule.

The present invention also provides an array comprising at least 30 different and separated target nucleic acid molecules immobilized on a solid support in a manner that complementary probe nucleic acid molecules can be hybridized thereto, wherein said target nucleic acid molecules have at least 20 consecutive nucleotides in a sequence selected from the group consisting of: (a) SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 24143; (b) sequences which are complements of (a); (c) sequences which have at least 60% identity to a sequence of (a) or (b); (d) sequences of molecules which hybridize to a sequence of (a) or (b) or (c).

DETAILED DESCRIPTION OF THE INVENTION

Agents of the Present Invention

15 Agents

One skilled in the art can refer to general reference texts for detailed descriptions of known techniques discussed herein or equivalent techniques. These texts include *Current Protocols in Molecular Biology* Ausubel *et al.*, eds., John Wiley & Sons, N. Y. (1989), and supplements through September (1998), *Molecular Cloning, A Laboratory Manual*, Sambrook *et al.*, 2nd Ed., Cold Spring Harbor Press, Cold Spring Harbor, New York (1989), *Genome Analysis: A Laboratory Manual 1: Analyzing DNA*, Birren *et al.*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1997); *Genome Analysis: A Laboratory Manual 2: Detecting Genes*, Birren *et al.*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1998); *Genome Analysis: A Laboratory Manual 3: Cloning Systems*, Birren *et al.*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1999); *Genome Analysis: A Laboratory Manual 4: Mapping Genomes*, Birren *et al.*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1999); *Plant Molecular Biology: A Laboratory Manual*, Clark, Springer-Verlag, Berlin, (1997), *Methods in Plant Molecular Biology*, Maliga *et al.*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1995).

These texts can, of course, also be referred to in making or using an aspect of the invention. It is understood that any of the agents of the invention can be substantially purified and/or be biologically active and/or recombinant.

The agents of the invention will preferably be "biologically active" with respect to either a structural attribute, such as the capacity of a nucleic acid to hybridize to another nucleic acid molecule, or the ability of a protein to be bound by an antibody (or to compete with another molecule for such binding). Alternatively, such an attribute may be catalytic and thus involve the capacity of the agent to mediate a chemical reaction or response. The term "substantially purified", as used herein, refers to a molecule separated from substantially all other molecules normally associated with it in its native state. More preferably a substantially purified molecule is the predominant species present in a preparation. A substantially purified molecule may be greater than 60% free, preferably 75% free, more preferably 90% free, and most preferably 95% free from the other molecules (exclusive of solvent) present in the natural mixture. The term "substantially purified" is not intended to encompass molecules present in their native state.

The agents of the present invention may also be recombinant. As used herein, the term recombinant, refers to a) molecules that are constructed outside of living cells by joining natural or synthetic DNA segments to DNA molecules that can replicate in a living cell or b) molecules that result from the replication or expression of those molecules described above.

It is understood that the agents of the invention may be labeled with reagents that facilitate detection of the agent (*e.g.* fluorescent labels, Prober *et al.*, *Science* 238:336-340 (1987)); Albarella *et al.*, EP 144914; chemical labels, Sheldon *et al.*, United States Patent 4,582,789; Albarella *et al.*, U.S. Patent 4,563,417; modified bases, Miyoshi *et al.*, EP 119448). It is further understood that the invention provides recombinant bacterial, mammalian, microbial, archaebacterial, insect, fungal, algal, and plant cells as well as viral constructs comprising the agents of the invention.

(a) Nucleic Acid Molecules

Agents of the present invention include plant nucleic acid molecules and more preferably include maize, soybean, rice and *Arabidopsis thaliana* nucleic acid molecules

and more preferably include nucleic acid molecules of the maize genotypes B73 (Illinois Foundation Seeds, Champaign, Illinois U.S.A.), B73 x Mo17 (Illinois Foundation Seeds, Champaign, Illinois U.S.A.), DK604 (Dekalb Genetics, Dekalb, Illinois U.S.A.), H99 (Illinois Foundation Seeds, Champaign, Illinois U.S.A.), RX601 (Asgrow Seed Company, Des Moines, Iowa), Mo17 (Illinois Foundation Seeds, Champaign, Illinois U.S.A.), and soybean types Asgrow 3244 (Asgrow Seed Company, Des Moines, Iowa), C1944 (United States Department of Agriculture (USDA) Soybean Germplasm Collection, Urbana, Illinois U.S.A.), Cristalina (USDA Soybean Germplasm Collection, Urbana, Illinois U.S.A.), FT108 (Monsoy, Brazil), Hartwig (USDA Soybean Germplasm Collection, Urbana, Illinois U.S.A.), BW211S Null (Tohoku University, Morioka, Japan), PI507354 (USDA Soybean Germplasm Collection, Urbana, Illinois U.S.A.), Asgrow A4922 (Asgrow Seed Company, Des Moines, Iowa U.S.A.), PI227687 (USDA Soybean Germplasm Collection, Urbana, Illinois U.S.A.), PI229358 (USDA Soybean Germplasm Collection, Urbana, Illinois U.S.A.) and Asgrow A3237 (Asgrow Seed Company, Des Moines, Iowa U.S.A.), and rice types, *Oryza sativa* L (japonica type), and more preferably *Oryza sativa* L (japonica type), cv. Nipponbare.

Fragment nucleic acid molecules may encode significant portion(s) of, or indeed most of, these nucleic acid molecules. For example, a fragment nucleic acid molecule can encode a rice, maize, soybean or *Arabidopsis* protein or fragment thereof.

Alternatively, the fragments may comprise smaller oligonucleotides (having from about 15 to about 400 nucleotide residues, and more preferably, about 15 to about 30 nucleotide residues, or about 50 to about 100 nucleotide residues, or about 100 to about 200 nucleotide residues, or about 200 to about 400 nucleotide residues, or about 275 to about 350 nucleotide residues).

A fragment of one or more of the nucleic acid molecules of the invention may be a probe and specifically a PCR probe. A PCR probe is a nucleic acid molecule capable of initiating a polymerase activity while in a double-stranded structure with another nucleic acid. Various methods for determining the structure of PCR probes and PCR techniques exist in the art. Computer generated searches using programs such as Primer3 (www-genome.wi.mit.edu/cgi-bin/primer/primer3.cgi), STSPipeline (www-genome.wi.mit.edu/

cgi-bin/www-STS_Pipeline), or GeneUp (Pesole *et al.*, *BioTechniques* 25:112-123 (1998)), for example, can be used to identify potential PCR primers.

A particularly preferred embodiment of the nucleic acid molecules of the present invention are plant nucleic acid molecules that comprise a nucleic acid sequence which encodes an *Arabidopsis* transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof, more preferably a nucleic acid molecule comprising a nucleic acid selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO: 3290 or a nucleic acid molecule comprising a nucleic acid sequence which encodes a transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof comprising an amino acid selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 1286.

Another particularly preferred embodiment of the nucleic acid molecules of the present invention are plant nucleic acid molecules that comprise a nucleic acid sequence which encodes a maize transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof, more preferably a nucleic acid molecule comprising a nucleic acid selected from the group consisting of SEQ ID NO: 5479 through SEQ ID NO: 8350 or a nucleic acid molecule comprising a nucleic acid sequence which encodes a transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof comprising an amino acid selected from the group consisting of SEQ ID NO: 3292 through SEQ ID NO: 5478.

A further, particularly preferred embodiment of the nucleic acid molecules of the present invention are plant nucleic acid molecules that comprise a nucleic acid sequence which encodes a rice transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof, more preferably a nucleic acid molecule comprising a nucleic acid selected from the group consisting of SEQ ID NO: 9242 through SEQ ID NO: 10474 or a nucleic acid molecule comprising a nucleic acid sequence which encodes a transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof comprising an amino acid selected from the group consisting of SEQ ID NO: 8351 through SEQ ID NO: 9241.

An additional, particularly preferred embodiment of the nucleic acid molecules of the present invention are plant nucleic acid molecules that comprise a nucleic acid sequence which encodes a soy transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof, more preferably a nucleic acid molecule comprising a nucleic acid selected from the group consisting of SEQ ID NO: 10475 through SEQ ID NO: 13478 or a nucleic acid molecule comprising a nucleic acid sequence which encodes a transcription factor from one of the categories of transcription factors in Table 1 or fragment thereof comprising an amino acid selected from the group consisting of SEQ ID NO: 13479 through SEQ ID NO: 15686.

Nucleic acid molecules or fragments thereof of the present invention are capable of specifically hybridizing to other nucleic acid molecules under certain circumstances. Nucleic acid molecules of the present invention include those that specifically hybridize to nucleic acid molecules having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO: 3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: SEQ ID 13478 or complements thereof.

Nucleic acid molecules or fragments thereof of the present invention are capable of specifically hybridizing to other nucleic acid molecules under certain circumstances. Nucleic acid molecules of the present invention include those that specifically hybridize to nucleic acid molecules having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO: 3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: SEQ ID 13478 or complements thereof.

As used herein, two nucleic acid molecules are said to be capable of specifically hybridizing to one another if the two molecules are capable of forming an anti-parallel, double-stranded nucleic acid structure.

A nucleic acid molecule is said to be the "complement" of another nucleic acid molecule if they exhibit complete complementarity. As used herein, molecules are said to exhibit "complete complementarity" when every nucleotide of one of the molecules is complementary to a nucleotide of the other. Two molecules are said to be "minimally

complementary" if they can hybridize to one another with sufficient stability to permit them to remain annealed to one another under at least conventional "low-stringency" conditions. Similarly, the molecules are said to be "complementary" if they can hybridize to one another with sufficient stability to permit them to remain annealed to one another under conventional "high-stringency" conditions. Conventional stringency conditions are described by Sambrook *et al.*, *Molecular Cloning, A Laboratory Manual*, 2nd Ed., Cold Spring Harbor Press, Cold Spring Harbor, New York (1989) and by Haymes *et al.*, *Nucleic Acid Hybridization, A Practical Approach*, IRL Press, Washington, DC (1985). Departures from complete complementarity are therefore permissible, as long as such departures do not completely preclude the capacity of the molecules to form a double-stranded structure. Thus, in order for a nucleic acid molecule to serve as a primer or probe it need only be sufficiently complementary in sequence to be able to form a stable double-stranded structure under the particular solvent and salt concentrations employed.

Appropriate stringency conditions which promote DNA hybridization, for example, 6.0 X sodium chloride/sodium citrate (SSC) at about 45°C, followed by a wash of 2.0 X SSC at 50°C, are known to those skilled in the art or can be found in *Current Protocols in Molecular Biology*, John Wiley & Sons, N.Y. (1989), 6.3.1-6.3.6. For example, the salt concentration in the wash step can be selected from a low stringency of about 2.0 X SSC at 50°C to a high stringency of about 0.2 X SSC at 50°C. In addition, the temperature in the wash step can be increased from low stringency conditions at room temperature, about 22°C, to high stringency conditions at about 65°C. Both temperature and salt may be varied, or either the temperature or the salt concentration may be held constant while the other variable is changed.

In a preferred embodiment, a nucleic acid of the present invention will specifically hybridize to one or more of the nucleic acid molecules set forth in SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: SEQ ID 13478 or complements thereof under moderately stringent conditions, for example at about 2.0 X SSC and about 65°C.

In a particularly preferred embodiment, a nucleic acid of the present invention will include those nucleic acid molecules that specifically hybridize to one or more of the nucleic acid molecules set forth in SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof under high stringency conditions such as 0.2 X SSC and about 65°C.

In one aspect of the present invention, the nucleic acid molecules of the present invention have one or more of the nucleic acid sequences set forth in SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof. In another aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 90% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof. In a further aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 95% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof. In a more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 98% sequence identity with one or more of the nucleic acid sequences set forth in SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof. In an even more preferred aspect of the present invention, one or more of the nucleic acid molecules of the present invention share between 100% and 99% sequence identity with one or more of the sequences set forth in SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID NO: SEQ ID 13478 or complements thereof.

As used herein "sequence identity" refers to the extent to which two optimally aligned polynucleotide or peptide sequences are invariant throughout the alignment of

nucleotides or amino acids. An "identity fraction" for aligned segments of a test sequence and a reference sequence is the number of identical nucleotides or amino acid residues which are shared by the two aligned sequences divided by the length of the alignment. "Percent identity" is the identity fraction X 100.

5 Useful methods for determining sequence identity are disclosed in *Guide to Huge Computers*, Martin J. Bishop, *ed.*, Academic Press, San Diego, (1994). More particularly, preferred computer programs for determining sequence identity include the Basic Local Alignment Search Tool (BLAST) programs which are publicly available from National Center Biotechnology Information (NCBI) at the National Library of
10 Medicine, National Institute of Health, Bethesda, Md. 20894; see BLAST Manual, Altschul *et al.*, NCBI, NLM, NIH; Altschul *et al.*, *J. Mol. Biol.* 215:403-410 (1990). Version 2.0 or higher of BLAST programs allow the introduction of gaps (deletions and insertions) into alignments.

Nucleic acid molecules of the present invention also include homologues.

15 Particularly preferred homologues are selected from the group consisting of alfalfa, barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, an ornamental plant, peanut, pepper, potato, rye, sorghum, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eucalyptus, apple, lettuce, lentils, grape, banana, tea, turf grasses, sunflower, and *Phaseolus*.

20 In a preferred embodiment, nucleic acid molecules having SEQ ID NO: 1287 through SEQ ID NO:3291 and SEQ ID NO: 5479 through SEQ ID NO: 8350 and SEQ ID NO: 9242 through SEQ ID 13478 or complements thereof and fragments of either can be utilized to obtain such homologues.

(b) Nucleic Acid Molecules Encoding Proteins or Fragments Thereof

25 Nucleic acid molecules of the present invention can comprise sequences that encode a transcription factor or fragment thereof. Such transcription factors or fragments thereof include homologues of known transcription factors in other organisms.

In a preferred embodiment of the present invention, a maize, soybean, *Arabidopsis thaliana* or rice transcription factor or fragment thereof of the present invention is a
30 homologue of another plant transcription factor.

In another preferred embodiment of the present invention, a maize, soybean, *Arabidopsis thaliana* or rice transcription factor or fragment thereof of the present invention is a homologue of a fungal transcription factor.

In another preferred embodiment of the present invention, a maize, soybean, rice or *Arabidopsis thaliana* transcription factor of the present invention is a homologue of mammalian transcription factor.

In another preferred embodiment of the present invention, a maize, soybean, rice or *Arabidopsis thaliana* transcription factor or fragment thereof of the present invention is a homologue of a bacterial transcription factor.

In another preferred embodiment of the present invention, a soybean, rice or *Arabidopsis thaliana* transcription factor or fragment thereof of the present invention is a homologue of a maize transcription factor.

In another preferred embodiment of the present invention, a maize, rice or *Arabidopsis thaliana* transcription factor homologue or fragment thereof of the present invention is a homologue of a soybean transcription factor.

In another preferred embodiment of the present invention, a maize, soybean, or *Arabidopsis thaliana* transcription factor homologue or fragment thereof of the present invention is a homologue of a rice transcription factor.

In another preferred embodiment of the present invention, a maize, soybean or rice transcription factor homologue or fragment thereof of the present invention is a homologue of an *Arabidopsis thaliana* transcription factor.

In a preferred embodiment of the present invention, the nucleic molecule of the present invention encodes a maize, soybean, rice or *Arabidopsis thaliana* transcription factor or fragment thereof where a maize, soybean, rice or *Arabidopsis thaliana* transcription factor exhibits a BLAST E value score of less than 1E-08 using default parameters with BLAST version 2.0, preferably a BLAST E value score of between about 1E-30 and about 1E-08 using default parameters with BLAST version 2.0, even more preferably a BLAST probability E value score of less than 1E-30 with its homologue using default parameters with BLAST version 2.0.

In another preferred embodiment of the present invention, the nucleic acid molecule encoding a maize, soybean, rice or *Arabidopsis thaliana* transcription factor or fragment thereof exhibits an E value score with a profile HMM using HMMER software version 2.1.1 with default parameters derived from a transcription factor family of less than 1E1.

In a preferred embodiment of the present invention, the nucleic acid molecule of the present invention encodes a maize, soybean, rice or *Arabidopsis thaliana* transcription factor or fragment thereof where a maize, soybean, rice or *Arabidopsis thaliana* transcription factor exhibits a probability score using a Framealign search using Gencore software version 4.5.4 (Compugen, www.cgen.com) of less than 1E-3 using default parameters.

In a preferred embodiment, nucleic acid molecules having SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements and fragments of either can be utilized to obtain such homologues.

In another further aspect of the present invention, nucleic acid molecules of the present invention can comprise sequences, which differ from those encoding a protein or fragment thereof in SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID 13478 due to fact that the different nucleic acid sequence encodes a protein having one or more conservative amino acid changes. It is understood that codons capable of coding for such conservative amino acid substitutions are known in the art.

It is well known in the art that one or more amino acids in a native sequence can be substituted with another amino acid(s), the charge and polarity of which are similar to that of the native amino acid, *i.e.*, a conservative amino acid substitution, resulting in a silent change. Conserved substitutes for an amino acid within the native polypeptide sequence can be selected from other members of the class to which the naturally occurring amino acid belongs. Amino acids can be divided into the following four groups: (1) acidic amino acids, (2) basic amino acids, (3) neutral polar amino acids, and (4) neutral nonpolar amino acids. Representative amino acids within these various groups include, but are not limited to, (1) acidic (negatively charged) amino acids such as

aspartic acid and glutamic acid; (2) basic (positively charged) amino acids such as arginine, histidine, and lysine; (3) neutral polar amino acids such as glycine, serine, threonine, cysteine, cystine, tyrosine, asparagine, and glutamine; and (4) neutral nonpolar (hydrophobic) amino acids such as alanine, leucine, isoleucine, valine, proline, phenylalanine, tryptophan, and methionine.

Conservative amino acid changes within the native polypeptide sequence can be made by substituting one amino acid within one of these groups with another amino acid within the same group. Biologically functional equivalents of the proteins or fragments thereof of the present invention can have ten or fewer conservative amino acid changes, more preferably seven or fewer conservative amino acid changes, and most preferably five or fewer conservative amino acid changes. The encoding nucleotide sequence will thus have corresponding base substitutions, permitting it to encode biologically functional equivalent forms of the proteins or fragments of the present invention.

It is understood that certain amino acids may be substituted for other amino acids in a protein structure without appreciable loss of interactive binding capacity with structures such as, for example, antigen-binding regions of antibodies or binding sites on substrate molecules. Because it is the interactive capacity and nature of a protein that defines that protein's biological functional activity, certain amino acid sequence substitutions can be made in a protein sequence and, of course, its underlying DNA coding sequence and, nevertheless, obtain a protein with like properties. It is thus contemplated by the inventors that various changes may be made in the peptide sequences of the proteins or fragments of the present invention, or corresponding DNA sequences that encode said peptides, without appreciable loss of their biological utility or activity. It is understood that codons capable of coding for such amino acid changes are known in the art.

In making such changes, the hydropathic index of amino acids may be considered. The importance of the hydropathic amino acid index in conferring interactive biological function on a protein is generally understood in the art (Kyte and Doolittle, *J. Mol. Biol.* 157, 105-132 (1982)). It is accepted that the relative hydropathic character of the amino acid contributes to the secondary structure of the resultant protein, which in turn defines

the interaction of the protein with other molecules, for example, enzymes, substrates, receptors, DNA, antibodies, antigens, and the like.

Each amino acid has been assigned a hydropathic index on the basis of its hydrophobicity and charge characteristics (Kyte and Doolittle, *J. Mol. Biol.* 157, 105-132 (1982)); these are isoleucine (+4.5), valine (+4.2), leucine (+3.8), phenylalanine (+2.8), cysteine/cystine (+2.5), methionine (+1.9), alanine (+1.8), glycine (-0.4), threonine (-0.7), serine (-0.8), tryptophan (-0.9), tyrosine (-1.3), proline (-1.6), histidine (-3.2), glutamate (-3.5), glutamine (-3.5), aspartate (-3.5), asparagine (-3.5), lysine (-3.9), and arginine (-4.5).

In making such changes, the substitution of amino acids whose hydropathic indices are within ± 2 is preferred, those which are within ± 1 are particularly preferred, and those within ± 0.5 are even more particularly preferred.

It is also understood in the art that the substitution of like amino acids can be made effectively on the basis of hydrophilicity. U.S. Patent 4,554,101 states that the greatest local average hydrophilicity of a protein, as governed by the hydrophilicity of its adjacent amino acids, correlates with a biological property of the protein.

In a further aspect of the present invention, one or more of the nucleic acid molecules of the present invention differ in nucleic acid sequence from those encoding a protein or fragment thereof set forth in SEQ ID NO: 1287 through SEQ ID NO: 3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or fragment thereof due to the fact that one or more codons encoding an amino acid has been substituted for a codon that encodes a nonessential substitution of the amino acid originally encoded.

Agents of the invention include nucleic acid molecules that encode at least about a contiguous 10 amino acid region of a protein of the present invention, more preferably at least about a contiguous 25, 40, 50, 100, or 125 amino acid region of a protein of the present invention. In a preferred embodiment the protein is selected from the group consisting of a plant, more preferably a maize, soybean, *Arabidopsis* or rice from a transcription factor listed from the group consisting of Table 1.

Agents of the present invention include nucleic acid molecules that encode a maize, soybean, rice or *Arabidopsis thaliana* transcription factor or fragment thereof and particularly substantially purified nucleic acid molecules selected from the group consisting of a Table 1.

Non-limiting examples of such nucleic acid molecules of the present invention are nucleic acid molecules comprising: SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or fragment thereof that encode for a plant transcription factor or fragment thereof.

(c) Protein and Peptide Molecules

A preferred class of agents includes proteins or fragments thereof or peptide molecules having an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 15686. An additional preferred class of proteins are those having an amino acid sequence selected from the group consisting of SEQ ID NO: 15687 through SEQ ID NO: 24143.

As used herein, the term "protein molecule" or "peptide molecule" includes any molecule that comprises five or more amino acids. It is well known in the art that proteins may undergo modification, including post-translational modifications, such as, but not limited to, disulfide bond formation, glycosylation, phosphorylation, or oligomerization. Thus, as used herein, the term "protein molecule" or "peptide molecule" includes any protein molecule that is modified by any biological or non-biological process. The terms "amino acid" and "amino acids" refer to all naturally occurring L-amino acids. This definition is meant to include norleucine, norvaline, ornithine, homocysteine, and homoserine.

One or more of the protein or fragment of peptide molecules may be produced via chemical synthesis, or more preferably, by expressing in a suitable bacterial or eukaryotic host. Suitable methods for expression are described by Sambrook *et al.*, In: *Molecular Cloning, A Laboratory Manual, 2nd Edition*, Cold Spring Harbor Press, Cold Spring Harbor, New York (1989), or similar texts.

A “protein fragment” is a peptide or polypeptide molecule whose amino acid sequence comprises a subset of the amino acid sequence of that protein. A protein or fragment thereof that comprises one or more additional peptide regions not derived from that protein is a “fusion” protein. Such molecules may be derivatized to contain carbohydrate or other moieties (such as keyhole limpet hemocyanin, etc.). Fusion protein or peptide molecules of the invention are preferably produced via recombinant means.

Another class of agents comprise protein or peptide molecules or fragments or fusions thereof comprising SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 15686 and SEQ ID NO: 15687 through SEQ ID NO: 24143 or fragment thereof or encoded by SEQ ID NO: 1287 through SEQ ID NO: 3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 in which conservative, non-essential or non-relevant amino acid residues have been added, replaced or deleted. Computerized means for designing modifications in protein structure are known in the art (Dahiyat and Mayo, *Science* 278:82-87 (1997)).

In a preferred embodiment, nucleic acid molecules having SEQ ID NO: 1287 through SEQ ID NO: 3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements and fragments of any can be utilized to obtain such homologues.

Agents of the invention include proteins comprising at least about a contiguous amino acid region more preferably comprising at least a contiguous 25, 40, 50, 75 or 125 amino acid region of a protein or fragment thereof of the present invention. In another preferred embodiment, the proteins of the present invention include a between about 10 and about 25 contiguous amino acid region, more preferably between about 20 and about 50 contiguous amino acid region and even more preferably between about 40 and about 80 contiguous amino acid region.

In a preferred embodiment the protein is selected from the group consisting of a plant, more preferably a maize, soybean, rice or *Arabidopsis* transcription factor from the group consisting of Table 1. In another preferred embodiment, the protein comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ

ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 15686 and SEQ ID NO: 15687 through SEQ ID NO: 24143.

Protein molecules of the present invention include homologues of proteins or fragments thereof comprising a protein sequence selected from SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 15686 and SEQ ID NO: 15687 through SEQ ID NO: 24143 or fragment thereof or encoded by SEQ ID NO: 1287 through SEQ ID NO: 3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or fragments thereof. Preferred protein molecules of the invention include homologues of proteins or fragments having an amino acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 15686 and SEQ ID NO: 15687 through SEQ ID NO: 24143 or fragment thereof.

A homologue protein may be derived from, but not limited to, alfalfa, barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, an ornamental plant, pea, peanut, pepper, potato, rye, sorghum, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eucalyptus, apple, lettuce, lentils, grape, banana, tea, turf grasses, sunflower, oil palm, *Phaseolus* etc. Particularly preferred species for use in the isolation of homologs would include, barley, cotton, oat, oilseed rape, canola, ornamentals, sugarcane, sugarbeet, tomato, potato, wheat and turf grasses. Such a homologue can be obtained by any of a variety of methods. Most preferably, as indicated above, one or more of the disclosed sequences (such as SEQ ID NO: 1287 through SEQ ID NO: 3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof) will be used in defining a pair of primers to isolate the homologue-encoding nucleic acid molecules from any desired species. Such molecules can be expressed to yield protein homologues by recombinant means.

(d) Plant Constructs and Plant Transformants

One or more of the nucleic acid molecules of the invention may be used in plant transformation or transfection. Exogenous genetic material may be transferred into a plant cell and the plant cell regenerated into a whole, fertile or sterile plant. Exogenous genetic material is any genetic material, whether naturally occurring or otherwise, from any source that is capable of being inserted into any organism. In a preferred embodiment the exogenous genetic material includes a nucleic acid molecule of the present invention, preferably a nucleic acid molecule having at least 20 nucleotides of a sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 and complements thereof.

Such genetic material may be transferred into either monocotyledons and dicotyledons including, but not limited to alfalfa, barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, an ornamental plant, pea, peanut, pepper, potato, rye, sorghum, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eucalyptus, apple, lettuce, lentils, grape, banana, tea, turf grasses, sunflower, oil palm, *Phaseolus* etc (Christou, In: *Particle Bombardment for Genetic Engineering of Plants*, Biotechnology Intelligence Unit. Academic Press, San Diego, California (1996)).

Transfer of a nucleic acid that encodes for a protein can result in overexpression of that protein in a transformed cell or transgenic plant. One or more of the proteins or fragments thereof encoded by nucleic acid molecules of the invention may be overexpressed in a transformed cell or transformed plant. Such overexpression may be the result of transient or stable transfer of the exogenous genetic material.

Exogenous genetic material may be transferred into a host cell by the use of a DNA vector or construct designed for such a purpose. Design of such a vector is generally within the skill of the art (See, *Plant Molecular Biology: A Laboratory Manual*, Clark (ed.), Springer, New York (1997)).

A construct or vector may include a plant promoter to express the protein or protein fragment of choice. A number of promoters, which are active in plant cells, have been described in the literature. These include the nopaline synthase (NOS) promoter

(Ebert *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 84:5745-5749 (1987), the octopine synthase (OCS) promoter (which are carried on tumor-inducing plasmids of *Agrobacterium tumefaciens*), the caulimovirus promoters such as the cauliflower mosaic virus (CaMV) 19S promoter (Lawton *et al.*, *Plant Mol. Biol.* 9:315-324 (1987)) and the CaMV 35S promoter (Odell *et al.*, *Nature* 313:810-812 (1985)), the figwort mosaic virus 35S-promoter, the light-inducible promoter from the small subunit of ribulose-1,5-bis-phosphate carboxylase (ssRUBISCO), the Adh promoter (Walker *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 84:6624-6628 (1987)), the sucrose synthase promoter (Yang *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:4144-4148 (1990)), the R gene complex promoter (Chandler *et al.*, *The Plant Cell* 1:1175-1183 (1989)) and the chlorophyll a/b binding protein gene promoter, etc. These promoters have been used to create DNA constructs that have been expressed in plants; *see, e.g.*, PCT publication WO 84/02913. The CaMV 35S promoters are preferred for use in plants. Promoters known or found to cause transcription of DNA in plant cells can be used in the invention.

For the purpose of expression in source tissues of the plant, such as the leaf, seed, root or stem, it is preferred that the promoters utilized have relatively high expression in these specific tissues. Tissue-specific expression of a protein of the present invention is a particularly preferred embodiment. For this purpose, one may choose from a number of promoters for genes with tissue- or cell-specific or -enhanced expression. Examples of such promoters reported in the literature include the chloroplast glutamine synthetase GS2 promoter from pea (Edwards *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:3459-3463 (1990)), the chloroplast fructose-1,6-biphosphatase (FBPase) promoter from wheat (Lloyd *et al.*, *Mol. Gen. Genet.* 225:209-216 (1991)), the nuclear photosynthetic ST-LS1 promoter from potato (Stockhaus *et al.*, *EMBO J.* 8:2445-2451 (1989)), the serine/threonine kinase (PAL) promoter and the glucoamylase (CHS) promoter from *Arabidopsis thaliana*. Also reported to be active in photosynthetically active tissues are the ribulose-1,5-bisphosphate carboxylase (RbcS) promoter from eastern larch (*Larix laricina*), the promoter for the *cab* gene, *cab6*, from pine (Yamamoto *et al.*, *Plant Cell Physiol.* 35:773-778 (1994)), the promoter for the *Cab-1* gene from wheat (Fejes *et al.*, *Plant Mol. Biol.* 15:921-932 (1990)), the promoter for the *CAB-1* gene from spinach (Lubberstedt *et al.*,

Plant Physiol. 104:997-1006 (1994)), the promoter for the cab1R gene from rice (Luan *et al.*, *Plant Cell.* 4:971-981 (1992)), the pyruvate, orthophosphate dikinase (PPDK) promoter from maize (Matsuoka *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 90: 9586-9590 (1993)), the promoter for the tobacco Lhcb1*2 gene (Cerdan *et al.*, *Plant Mol. Biol.* 33:245-255 (1997)), the *Arabidopsis thaliana* SUC2 sucrose-H⁺ symporter promoter (Truernit *et al.*, *Planta.* 196:564-570 (1995)) and the promoter for the thylakoid membrane proteins from spinach (psaD, psaF, psaE, PC, FNR, atpC, atpD, cab, rbcS). Other promoters for the chlorophyll a/b-binding proteins may also be utilized in the invention, such as the promoters for LhcB gene and PsbP gene from white mustard (*Sinapis alba*; Kretsch *et al.*, *Plant Mol. Biol.* 28:219-229 (1995)).

For the purpose of expression in sink tissues of the plant, such as the tuber of the potato plant, the fruit of tomato, or the seed of maize, wheat, rice and barley, it is preferred that the promoters utilized in the invention have relatively high expression in these specific tissues. A number of promoters for genes with tuber-specific or -enhanced expression are known, including the class I patatin promoter (Bevan *et al.*, *EMBO J.* 8:1899-1906 (1986); Jefferson *et al.*, *Plant Mol. Biol.* 14:995-1006 (1990)), the promoter for the potato tuber ADPGPP genes, both the large and small subunits, the sucrose synthase promoter (Salanoubat and Belliard, *Gene* 60:47-56 (1987)), Salanoubat and Belliard, *Gene* 84:181-185 (1989), the promoter for the major tuber proteins including the 22 kd protein complexes and proteinase inhibitors (Hannapel, *Plant Physiol.* 101:703-704 (1993)), the promoter for the granule bound starch synthase gene (GBSS) (Visser *et al.*, *Plant Mol. Biol.* 17:691-699 (1991)) and other class I and II patatins promoters (Koster-Topfer *et al.*, *Mol Gen Genet.* 219:390-396 (1989); Mignery *et al.*, *Gene.* 62:27-44 (1988)).

Other promoters can also be used to express a protein or fragment thereof in specific tissues, such as seeds or fruits. The promoter for β -conglycinin (Chen *et al.*, *Dev. Genet.* 10: 112-122 (1989)) or other seed-specific promoters such as the napin and phaseolin promoters, can be used. The zeins are a group of storage proteins found in maize endosperm. Genomic clones for zein genes have been isolated (Pedersen *et al.*, *Cell* 29:1015-1026 (1982)) and the promoters from these clones, including the 15 kD, 16

kD, 19 kD, 22 kD, 27 kD and genes, could also be used. Other promoters known to function, for example, in maize include the promoters for the following genes: *waxy*, *Brittle*, *Shrunken 2*, Branching enzymes I and II, starch synthases, debranching enzymes, oleosins, glutelins and sucrose synthases. A particularly preferred promoter for maize endosperm expression is the promoter for the glutelin gene from rice, more particularly the Osgt-1 promoter (Zheng *et al.*, *Mol. Cell Biol.* 13:5829-5842 (1993)). Examples of promoters suitable for expression in wheat include those promoters for the ADPGlucose pyrosynthase (ADPGPP) subunits, the granule bound and other starch synthase, the branching and debranching enzymes, the embryogenesis-abundant proteins, the gliadins and the glutenins. Examples of such promoters in rice include those promoters for the ADPGPP subunits, the granule bound and other starch synthase, the branching enzymes, the debranching enzymes, sucrose synthases and the glutelins. A particularly preferred promoter is the promoter for rice glutelin, Osgt-1. Examples of such promoters for barley include those for the ADPGPP subunits, the granule bound and other starch synthase, the branching enzymes, the debranching enzymes, sucrose synthases, the hordeins, the embryo globulins and the aleurone specific proteins.

Root specific promoters may also be used. An example of such a promoter is the promoter for the acid chitinase gene (Samac *et al.*, *Plant Mol. Biol.* 25:587-596 (1994)). Expression in root tissue could also be accomplished by utilizing the root specific subdomains of the CaMV35S promoter that have been identified (Lam *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:7890-7894 (1989)). Other root cell specific promoters include those reported by Conkling *et al.* (Conkling *et al.*, *Plant Physiol.* 93:1203-1211 (1990)).

Additional promoters that may be utilized are described, for example, in U.S. Patent Nos. 5,378,619; 5,391,725; 5,428,147; 5,447,858; 5,608,144; 5,608,144; 5,614,399; 5,633,441; 5,633,435; and 4,633,436. In addition, a tissue specific enhancer may be used (Fromm *et al.*, *The Plant Cell* 1:977-984 (1989)).

Constructs or vectors may also include, with the coding region of interest, a nucleic acid sequence that acts, in whole or in part, to terminate transcription of that region. A number of such sequences have been isolated, including the Tr7 3' sequence

and the NOS 3' sequence (Ingelbrecht *et al.*, *The Plant Cell* 1:671-680 (1989); Bevan *et al.*, *Nucleic Acids Res.* 11:369-385 (1983))

A vector or construct may also include regulatory elements. Examples of such include the Adh intron 1 (Callis *et al.*, *Genes and Develop.* 1:1183-1200 (1987)), the
 5 sucrose synthase intron (Vasil *et al.*, *Plant Physiol.* 91:1575-1579 (1989)) and the TMV omega element (Gallie *et al.*, *The Plant Cell* 1:301-311 (1989)). These and other regulatory elements may be included when appropriate.

A vector or construct may also include a selectable marker. Selectable markers may also be used to select for plants or plant cells that contain the exogenous genetic
 10 material. Examples of such include, but are not limited to: a neomycin phosphotransferase gene (U.S. Patent 5,034,322), which codes for kanamycin resistance and can be selected for using kanamycin, G418, etc.; a bar gene which codes for bialaphos resistance; genes which encode glyphosate resistance (U.S. Patents 4,940,835; 5,188,642; 4,971,908; 5,627,061); a nitrilase gene which confers resistance to bromoxynil (Stalker *et al.*, *J. Biol. Chem.* 263:6310-6314 (1988)); a mutant acetolactate synthase gene (ALS)
 15 which confers imidazolinone or sulphonylurea resistance (European Patent Application 154,204 (Sept. 11, 1985)); and a methotrexate resistant DHFR gene (Thillet *et al.*, *J. Biol. Chem.* 263:12500-12508 (1988)).

A vector or construct may also include DNA sequence which encodes a transit
 20 peptide. Incorporation of a suitable chloroplast transit peptide may also be employed (European Patent Application Publication Number 0218571). Translational enhancers may also be incorporated as part of the vector DNA. DNA constructs could contain one or more 5' non-translated leader sequences which may serve to enhance expression of the gene products from the resulting mRNA transcripts. Such sequences may be derived
 25 from the promoter selected to express the gene or can be specifically modified to increase translation of the mRNA. Such regions may also be obtained from viral RNAs, from suitable eukaryotic genes, or from a synthetic gene sequence. For a review of optimizing expression of transgenes, see Koziel *et al.*, *Plant Mol. Biol.* 32:393-405 (1996) .

A vector or construct may also include a screenable marker. Screenable markers
 30 may be used to monitor expression. Exemplary screenable markers include: a β -glucuro-

nidase or uidA gene (GUS) which encodes an enzyme for which various chromogenic substrates are known (Jefferson, *Plant Mol. Biol. Rep.* 5:387-405 (1987); Jefferson *et al.*, *EMBO J.* 6:3901-3907 (1987)); an R-locus gene, which encodes a product that regulates the production of anthocyanin pigments (red color) in plant tissues (Dellaporta *et al.*,
 5 Stadler Symposium 11:263-282 (1988)); a β -lactamase gene (Sutcliffe *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 75:3737-3741 (1978)), a gene which encodes an enzyme for which various chromogenic substrates are known (*e.g.*, PADAC, a chromogenic cephalosporin); a luciferase gene (Ow *et al.*, *Science* 234:856-859 (1986)); a xylE gene (Zukowsky *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 80:1101-1105 (1983)) which encodes a catechol dioxygen-
 10 ase that can convert chromogenic catechols; an α -amylase gene (Ikata *et al.*, *Bio/Technol.* 8:241-242 (1990)); a tyrosinase gene (Katz *et al.*, *J. Gen. Microbiol.* 129:2703-2714 (1983)) which encodes an enzyme capable of oxidizing tyrosine to DOPA and dopaquinone which in turn condenses to melanin; an α -galactosidase, which will turn a chromogenic α -galactose substrate.

15 Included within the terms "selectable or screenable marker genes" are also genes which encode a secretable marker whose secretion can be detected as a means of identifying or selecting for transformed cells. Examples include markers which encode a secretable antigen that can be identified by antibody interaction, or even secretable enzymes which can be detected catalytically. Secretable proteins fall into a number of classes, including small, diffusible proteins which are detectable, (*e.g.*, by ELISA), small active
 20 enzymes which are detectable in extracellular solution (*e.g.*, α -amylase, β -lactamase, phosphinothricin transferase), or proteins which are inserted or trapped in the cell wall (such as proteins which include a leader sequence such as that found in the expression unit of extension or tobacco PR-S). Other possible selectable and/or screenable marker
 25 genes will be apparent to those of skill in the art.

There are many methods for introducing transforming nucleic acid molecules into plant cells. Suitable methods are believed to include virtually any method by which nucleic acid molecules may be introduced into a cell, such as by *Agrobacterium* infection or direct delivery of nucleic acid molecules such as, for example, by PEG-mediated transformation, by electroporation or by acceleration of DNA coated particles, etc (Potrykus,
 30

Ann. Rev. Plant Physiol. Plant Mol. Biol. 42:205-225 (1991); Vasil, *Plant Mol. Biol.* 25:925-937 (1994)). For example, electroporation has been used to transform maize protoplasts (Fromm *et al.*, *Nature* 312:791-793 (1986)).

Other vector systems suitable for introducing transforming DNA into a host plant cell include but are not limited to binary artificial chromosome (BIBAC) vectors (Hamilton *et al.*, *Gene* 200:107-116 (1997)); and transfection with RNA viral vectors (Della-Cioppa *et al.*, *Ann. N.Y. Acad. Sci.* (1996), 792 (Engineering Plants for Commercial Products and Applications), 57-61). Additional vector systems also include plant selectable YAC vectors such as those described in Mullen *et al.*, *Molecular Breeding* 4:449-457 (1988)).

Technology for introduction of DNA into cells is well known to those of skill in the art. Four general methods for delivering a gene into cells have been described: (1) chemical methods (Graham and van der Eb, *Virology* 54:536-539 (1973)); (2) physical methods such as microinjection (Capecchi, *Cell* 22:479-488 (1980)), electroporation (Wong and Neumann, *Biochem. Biophys. Res. Commun.* 107:584-587 (1982); Fromm *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 82:5824-5828 (1985); U.S. Patent No. 5,384,253); and the gene gun (Johnston and Tang, *Methods Cell Biol.* 43:353-365 (1994)); (3) viral vectors (Clapp, *Clin. Perinatol.* 20:155-168 (1993); Lu *et al.*, *J. Exp. Med.* 178:2089-2096 (1993); Eglitis and Anderson, *Biotechniques* 6:608-614 (1988)); and (4) receptor-mediated mechanisms (Curiel *et al.*, *Hum. Gen. Ther.* 3:147-154 (1992), Wagner *et al.*, *Proc. Natl. Acad. Sci. (USA)* 89:6099-6103 (1992)).

Acceleration methods that may be used include, for example, microprojectile bombardment and the like. One example of a method for delivering transforming nucleic acid molecules to plant cells is microprojectile bombardment. This method has been reviewed by Yang and Christou (eds.), *Particle Bombardment Technology for Gene Transfer*, Oxford Press, Oxford, England (1994)). Non-biological particles (microprojectiles) may be coated with nucleic acids and delivered into cells by a propelling force. Exemplary particles include those comprised of tungsten, gold, platinum and the like.

A particular advantage of microprojectile bombardment, in addition to it being an effective means of reproducibly transforming monocots, is that neither the isolation of protoplasts (Cristou *et al.*, *Plant Physiol.* 87:671-674 (1988)) nor the susceptibility of *Agrobacterium* infection are required. An illustrative embodiment of a method for delivering DNA into maize cells by acceleration is a biolistics α -particle delivery system, which can be used to propel particles coated with DNA through a screen, such as a stainless steel or Nytex screen, onto a filter surface covered with corn cells cultured in suspension. Gordon-Kamm *et al.*, describes the basic procedure for coating tungsten particles with DNA (Gordon-Kamm *et al.*, *Plant Cell* 2:603-618 (1990)). The screen disperses the tungsten nucleic acid particles so that they are not delivered to the recipient cells in large aggregates. A particle delivery system suitable for use with the invention is the helium acceleration PDS-1000/He gun is available from Bio-Rad Laboratories (Bio-Rad, Hercules, California)(Sanford *et al.*, *Technique* 3:3-16 (1991)).

For the bombardment, cells in suspension may be concentrated on filters. Filters containing the cells to be bombarded are positioned at an appropriate distance below the microprojectile stopping plate. If desired, one or more screens are also positioned between the gun and the cells to be bombarded.

Alternatively, immature embryos or other target cells may be arranged on solid culture medium. The cells to be bombarded are positioned at an appropriate distance below the microprojectile stopping plate. If desired, one or more screens are also positioned between the acceleration device and the cells to be bombarded. Through the use of techniques set forth herein one may obtain up to 1000 or more foci of cells transiently expressing a screenable or selectable marker gene. The number of cells in a focus which express the exogenous gene product 48 hours post-bombardment often range from one to ten and average one to three.

In bombardment transformation, one may optimize the pre-bombardment culturing conditions and the bombardment parameters to yield the maximum numbers of stable transformants. Both the physical and biological parameters for bombardment are important in this technology. Physical factors are those that involve manipulating the DNA/microprojectile precipitate or those that affect the flight and velocity of either the macro-

or microprojectiles. Biological factors include all steps involved in manipulation of cells before and immediately after bombardment, the osmotic adjustment of target cells to help alleviate the trauma associated with bombardment and also the nature of the transforming DNA, such as linearized DNA or intact supercoiled plasmids. It is believed that pre-bom-
 5 bombardment manipulations are especially important for successful transformation of imma-
 ture embryos.

In another alternative embodiment, plastids can be stably transformed. Methods disclosed for plastid transformation in higher plants include the particle gun delivery of DNA containing a selectable marker and targeting of the DNA to the plastid genome
 10 through homologous recombination (Svab *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:8526-8530 (1990); Svab and Maliga, *Proc. Natl. Acad. Sci. (U.S.A.)* 90:913-917 (1993); Staub and Maliga, *EMBO J.* 12:601-606 (1993); U.S. Patents 5, 451,513 and 5,545,818).

Accordingly, it is contemplated that one may wish to adjust various aspects of the bombardment parameters in small-scale studies to fully optimize the conditions. One
 15 may particularly wish to adjust physical parameters such as gap distance, flight distance, tissue distance and helium pressure. One may also minimize the trauma reduction factors by modifying conditions which influence the physiological state of the recipient cells and which may therefore influence transformation and integration efficiencies. For example, the osmotic state, tissue hydration and the subculture stage or cell cycle of the recipient
 20 cells may be adjusted for optimum transformation. The execution of other routine adjustments will be known to those of skill in the art in light of the present disclosure.

Agrobacterium-mediated transfer is a widely applicable system for introducing genes into plant cells because the DNA can be introduced into whole plant tissues, thereby bypassing the need for regeneration of an intact plant from a protoplast. The use
 25 of *Agrobacterium*-mediated plant integrating vectors to introduce DNA into plant cells is well known in the art. See, for example the methods described by Fraley *et al.*, *Bio/Technology* 3:629-635 (1985) and Rogers *et al.*, *Methods Enzymol.* 153:253-277 (1987). Further, the integration of the Ti-DNA is a relatively precise process resulting in few rearrangements. The region of DNA to be transferred is defined by the border

sequences and intervening DNA is usually inserted into the plant genome as described (Spielmann *et al.*, *Mol. Gen. Genet.* 205:34 (1986)).

Modern *Agrobacterium* transformation vectors are capable of replication in *E. coli* as well as *Agrobacterium*, allowing for convenient manipulations as described (Klee *et al.*, In: *Plant DNA Infectious Agents*, Hohn and Schell (eds.), Springer-Verlag, New York, pp. 179-203 (1985)). Moreover, technological advances in vectors for *Agrobacterium*-mediated gene transfer have improved the arrangement of genes and restriction sites in the vectors to facilitate construction of vectors capable of expressing various polypeptide coding genes. The vectors described have convenient multi-linker regions flanked by a promoter and a polyadenylation site for direct expression of inserted polypeptide coding genes and are suitable for present purposes (Rogers *et al.*, *Methods Enzymol.* 153:253-277 (1987)). In addition, *Agrobacterium* containing both armed and disarmed Ti genes can be used for the transformations. In those plant strains where *Agrobacterium*-mediated transformation is efficient, it is the method of choice because of the facile and defined nature of the gene transfer.

A transgenic plant formed using *Agrobacterium* transformation methods typically contains a single gene on one chromosome. Such transgenic plants can be referred to as being heterozygous for the added gene. More preferred is a transgenic plant that is homozygous for the added structural gene; *i.e.*, a transgenic plant that contains two added genes, one gene at the same locus on each chromosome of a chromosome pair. A homozygous transgenic plant can be obtained by sexually mating (selfing) an independent segregant transgenic plant that contains a single added gene, germinating some of the seed produced and analyzing the resulting plants produced for the gene of interest.

It is also to be understood that two different transgenic plants can also be mated to produce offspring that contain two independently segregating, exogenous genes. Selfing of appropriate progeny can produce plants that are homozygous for both added, exogenous genes that encode a polypeptide of interest. Backcrossing to a parental plant and outcrossing with a non-transgenic plant are also contemplated, as is vegetative propagation.

Transformation of plant protoplasts can be achieved using methods based on calcium phosphate precipitation, polyethylene glycol treatment, electroporation and

combinations of these treatments (*See, for example, Potrykus et al., Mol. Gen. Genet.* 205:193-200 (1986); Lorz *et al., Mol. Gen. Genet.* 199:178 (1985); Fromm *et al., Nature* 319:791 (1986); Uchimiya *et al., Mol. Gen. Genet.* 204:204 (1986); Marcotte *et al., Nature* 335:454-457 (1988)).

5 Application of these systems to different plant strains depends upon the ability to regenerate that particular plant strain from protoplasts. Illustrative methods for the regeneration of cereals from protoplasts are described (Fujimura *et al., Plant Tissue Culture Letters* 2:74 (1985); Toriyama *et al., Theor Appl. Genet.* 205:34 (1986); Yamada *et al., Plant Cell Rep.* 4:85 (1986); Abdullah *et al., Biotechnology* 4:1087 (1986)).

10 To transform plant strains that cannot be successfully regenerated from protoplasts, other ways to introduce DNA into intact cells or tissues can be utilized. For example, regeneration of cereals from immature embryos or explants can be effected as described (Vasil, *Biotechnology* 6:397 (1988)). In addition, "particle gun" or high-velocity microprojectile technology can be utilized (Vasil *et al., Bio/Technology* 10:667
15 (1992)).

 Using the latter technology, DNA is carried through the cell wall and into the cytoplasm on the surface of small metal particles as described (Klein *et al., Nature* 328:70 (1987); Klein *et al., Proc. Natl. Acad. Sci. (U.S.A.)* 85:8502-8505 (1988); McCabe *et al., Bio/Technology* 6:923 (1988)). The metal particles penetrate through
20 several layers of cells and thus allow the transformation of cells within tissue explants.

 The regeneration, development and cultivation of plants from single plant protoplast transformants or from various transformed explants are well known in the art (Weissbach and Weissbach, In: *Methods for Plant Molecular Biology*, Academic Press, San Diego, CA, (1988)). This regeneration and growth process typically includes the
25 steps of selection of transformed cells, culturing those individualized cells through the usual stages of embryonic development through the rooted plantlet stage. Transgenic embryos and seeds are similarly regenerated. The resulting transgenic rooted shoots are thereafter planted in an appropriate plant growth medium such as soil.

 The development or regeneration of plants containing the foreign, exogenous gene
30 that encodes a protein of interest is well known in the art. Preferably, the regenerated

plants are self-pollinated to provide homozygous transgenic plants. Otherwise, pollen obtained from the regenerated plants is crossed to seed-grown plants of agronomically important lines. Conversely, pollen from plants of these important lines is used to pollinate regenerated plants. A transgenic plant of the invention containing a desired polypeptide is cultivated using methods well known to one skilled in the art.

There are a variety of methods for the regeneration of plants from plant tissue. The particular method of regeneration will depend on the starting plant tissue and the particular plant species to be regenerated.

Methods for transforming dicots, primarily by use of *Agrobacterium tumefaciens* and obtaining transgenic plants have been published for cotton (U.S. Patent No. 5,004,863; U.S. Patent No. 5,159,135; U.S. Patent No. 5,518,908); soybean (U.S. Patent No. 5,569,834; U.S. Patent No. 5,416,011; McCabe *et al.*, *Biotechnology* 6:923 (1988); Christou *et al.*, *Plant Physiol.* 87:671-674 (1988)); *Brassica* (U.S. Patent No. 5,463,174); peanut (Cheng *et al.*, *Plant Cell Rep.* 15:653-657 (1996), McKently *et al.*, *Plant Cell Rep.* 14:699-703 (1995)); papaya; and pea (Grant *et al.*, *Plant Cell Rep.* 15:254-258 (1995)).

Transformation of monocotyledons using electroporation, particle bombardment and *Agrobacterium* have also been reported. Transformation and plant regeneration have been achieved in asparagus (Bytebier *et al.*, *Proc. Natl. Acad. Sci. (USA)* 84:5354 (1987)); barley (Wan and Lemaux, *Plant Physiol* 104:37 (1994)); maize (Rhodes *et al.*, *Science* 240:204 (1988); Gordon-Kamm *et al.*, *Plant Cell* 2:603-618 (1990); Fromm *et al.*, *Bio/Technology* 8:833 (1990); Koziel *et al.*, *Bio/Technology* 11:194 (1993); Armstrong *et al.*, *Crop Science* 35:550-557 (1995)); oat (Somers *et al.*, *Bio/Technology* 10:1589 (1992)); orchard grass (Horn *et al.*, *Plant Cell Rep.* 7:469 (1988)); rice (Toriyama *et al.*, *Theor Appl. Genet.* 205:34 (1986); Part *et al.*, *Plant Mol. Biol.* 32:1135-1148 (1996); Abedinia *et al.*, *Aust. J. Plant Physiol.* 24:133-141 (1997); Zhang and Wu, *Theor. Appl. Genet.* 76:835 (1988); Zhang *et al.*, *Plant Cell Rep.* 7:379 (1988); Battraw and Hall, *Plant Sci.* 86:191-202 (1992); Christou *et al.*, *Bio/Technology* 9:957 (1991); rye (De la Pena *et al.*, *Nature* 325:274 (1987)); sugarcane (Bower and Birch, *Plant J.* 2:409 (1992); tall fescue (Wang *et al.*, *Bio/Technology* 10:691 (1992) and wheat (Vasil *et al.*, *Bio/Technology* 10:667 (1992); U.S. Patent No. 5,631,152)).

Assays for gene expression based on the transient expression of cloned nucleic acid constructs have been developed by introducing the nucleic acid molecules into plant cells by polyethylene glycol treatment, electroporation, or particle bombardment (Marcotte *et al.*, *Nature* 335:454-457 (1988); Marcotte *et al.*, *Plant Cell* 1:523-532 (1989); McCarty *et al.*, *Cell* 66:895-905 (1991); Hattori *et al.*, *Genes Dev.* 6:609-618 (1992); Goff *et al.*, *EMBO J.* 9:2517-2522 (1990)). Transient expression systems may be used to functionally dissect gene constructs (*see generally*, Mailga *et al.*, *Methods in Plant Molecular Biology*, Cold Spring Harbor Press (1995)).

Any of the nucleic acid molecules of the invention may be introduced into a plant cell in a permanent or transient manner in combination with other genetic elements such as vectors, promoters, enhancers, *etc.* Further, any of the nucleic acid molecules of the invention may be introduced into a plant cell in a manner that allows for overexpression of the protein or fragment thereof encoded by the nucleic acid molecule.

Cosuppression is the reduction in expression levels, usually at the level of RNA, of a particular endogenous gene or gene family by the expression of a homologous sense construct that is capable of transcribing mRNA of the same strandedness as the transcript of the endogenous gene (Napoli *et al.*, *Plant Cell* 2:279-289 (1990); van der Krol *et al.*, *Plant Cell* 2:291-299 (1990)). Cosuppression may result from stable transformation with a single copy nucleic acid molecule that is homologous to a nucleic acid sequence found within the cell (Prolls and Meyer, *Plant J.* 2:465-475 (1992)) or with multiple copies of a nucleic acid molecule that is homologous to a nucleic acid sequence found within the cell (Mittlesten *et al.*, *Mol. Gen. Genet.* 244:325-330 (1994)). Genes, even though different, linked to homologous promoters may result in the cosuppression of the linked genes (Vaucheret, *C.R. Acad. Sci. III* 316:1471-1483 (1993); Flavell, *Proc. Natl. Acad. Sci. (U.S.A.)* 91:3490-3496 (1994)); van Blokland *et al.*, *Plant J.* 6:861-877 (1994); Jorgensen, *Trends Biotechnol.* 8:340-344 (1990); Meins and Kunz, In: *Gene Inactivation and Homologous Recombination in Plants*, Paszkowski (ed.), pp. 335-348, Kluwer Academic, Netherlands (1994)).

It is understood that one or more of the nucleic acids of the invention may be introduced into a plant cell and transcribed using an appropriate promoter with such transcription resulting in the cosuppression of an endogenous protein.

Antisense approaches are a way of preventing or reducing gene function by targeting the genetic material (U.S. Patents 4,801,540 and 5,107,065 Mol *et al.*, *FEBS Lett.* 268:427-430 (1990)). The objective of the antisense approach is to use a sequence complementary to the target gene to block its expression and create a mutant cell line or organism in which the level of a single chosen protein is selectively reduced or abolished. Antisense techniques have several advantages over other 'reverse genetic' approaches. The site of inactivation and its developmental effect can be manipulated by the choice of promoter for antisense genes or by the timing of external application or microinjection. Antisense can manipulate its specificity by selecting either unique regions of the target gene or regions where it shares homology to other related genes (Hiatt *et al.*, In: *Genetic Engineering*, Setlow (ed.), Vol. 11, New York: Plenum 49-63 (1989)).

The principle of regulation by antisense RNA is that RNA that is complementary to the target mRNA is introduced into cells, resulting in specific RNA:RNA duplexes being formed by base pairing between the antisense substrate and the target mRNA (Green *et al.*, *Annu. Rev. Biochem.* 55:569-597 (1986)). Under one embodiment, the process involves the introduction and expression of an antisense gene sequence. Such a sequence is one in which part or all of the normal gene sequences are placed under a promoter in inverted orientation so that the 'wrong' or complementary strand is transcribed into a noncoding antisense RNA that hybridizes with the target mRNA and interferes with its expression (Takayama and Inouye, *Crit. Rev. Biochem. Mol. Biol.* 25:155-184 (1990)). An antisense vector is constructed by standard procedures and introduced into cells by transformation, transfection, electroporation, microinjection, infection, etc. The type of transformation and choice of vector will determine whether expression is transient or stable. The promoter used for the antisense gene may influence the level, timing, tissue, specificity, or inducibility of the antisense inhibition.

It is understood that the activity of a protein in a plant cell may be reduced or depressed by growing a transformed plant cell containing a nucleic acid molecule whose non-transcribed strand encodes a protein or fragment thereof.

Post transcriptional gene silencing (PTGS) can result in virus immunity or gene silencing in plants. PTGS is induced by dsRNA and is mediated by an RNA-dependent RNA polymerase, present in the cytoplasm, that requires a dsRNA template. The dsRNA is formed by hybridization of complementary transgene mRNAs or complementary regions of the same transcript. Duplex formation can be accomplished by using transcripts from one sense gene and one antisense gene co-located in the plant genome, a single transcript that has self-complementarity, or sense and antisense transcripts from genes brought together by crossing. The dsRNA-dependent RNA polymerase makes a complementary strand from the transgene mRNA and RNase molecules attach to this complementary strand (cRNA). These cRNA-RNase molecules hybridize to the endogene mRNA and cleave the single-stranded RNA adjacent to the hybrid. The cleaved single-stranded RNAs are further degraded by other host RNases because one will lack a capped 5' end and the other will lack a poly(A) tail (Waterhouse *et al.*, *PNAS* 95: 13959-13964 (1998)).

It is understood that one or more of the nucleic acids of the invention may be introduced into a plant cell and transcribed using an appropriate promoter with such transcription resulting in the postranscriptional gene silencing of an endogenous transcript.

Homologous recombination may be used to prevent gene function (Capecchi, M.R. *Science*, 244:1288-1292(1989)). In one example, a gene to be knocked out may be interrupted with a selectable marker gene that lacks its own promoter. After transformation, selection for the marker is applied. Few heterologous insertions result in the incorporation of the marker gene into a genomic sequence encoding an mRNA, so the marker is rarely expressed. Homologous recombination results in the incorporation of the marker into the transcription unit of the target gene, allowing marker expression and the survival of the cell during the selection.

Gene targeting can also be performed without the use of selection (Capeecchi, M.R. *Science*, 244:1288-1292(1989), Bollag *et. al. Ann. Rev. Gen.* 23:199-224 (1989)). For example, a gene can be knocked out with a copy of the gene containing an insertion disrupting the reading frame and the transformed cells can then be analyzed by the PCR
 5 reaction. The PCR uses two primers, one that anneals to the inserted sequence and one that anneals to the native DNA beyond the end of the transformed fragment. In the event of homologous recombination, only, will the PCR yield a fragment of the expected size.

It is understood that one or more of the nucleic acids of the invention may be included in a "Knockout construct" meaning that a DNA sequence has been altered via
 10 any known means, for example, deletion, insertion, point mutation or rearrangement, so as to eliminate the function of the naturally occurring nucleic acid sequence, but not so as to alter the ability of the DNA sequence to recombine with the naturally-occurring sequence United States Patent 5,952,548.

Insertion mutations created by insertion elements may also prevent gene function
 15 (United States Patent 6,013,486). For example, in many dicot plants, transformation with the T-DNA of *Agrobacterium* may be readily achieved and large numbers of transformants can be rapidly obtained. Also, some species have lines with active transposable elements which can efficiently be used for the generation of large numbers of insertion mutations, while some other species lack such options.

Transposable-elements are a versatile class of insertional mutagen in that a variety
 20 of transposable elements have been identified, with representative elements having been found in all eukaryotic genomes examined. As used herein, the term "transposable element" will mean any mobile genetic element which is capable of replicative or non-replicative transposition within a genome, causing insertional mutagenesis at the site of
 25 insertion. One example of a transposable element of maize contemplated to have particular utility in the generation of insertion mutations is the Mutator element (Bennetzen, J. *Mol. Appl. Genet.*, 2:519- 524 (1984); Talbert *et al. J. Mol. Evol.*, 29:28-39 (1989)), see Genbank Accession Numbers: x14224, x14225, g22495, g22466, g22373, m76978 and x97569). Other examples of transposable elements which are deemed
 30 particularly useful insertional mutagens are the Ac element (Geiser *et al. The EMBO*

Journal, 1:1455- 1460 (1982), 1982; U.S. Pat. No. 4,732,856, and the tobacco element slide-124 (Genbank Accession Number x97569)).

One preferred method which may be used for the selection and identification of insertional mutants obtained by transformation or transposable elements is described in United States Patent 6,013,486. Briefly, an insertion event in a genome is identified by first preparing a "DNA Composition Enhanced for a Plurality of Insertion Junctions". This phrase is defined as a DNA composition in which a non-locus specific selection of insertion junctions (the segment of DNA encompassing the end of an insertional mutagen and particularly, the flanking genomic DNA into which the insertional mutagen has inserted) has been enhanced relative to the starting DNA from which the DNA composition is derived. Such non-locus specific selections are prepared without the need for use of probes or primers which are specific to the locus or loci for which an insertion mutation is desired. The selection procedure will typically, instead, use probes or primers which are specific to the insertional mutagen. Examples of such procedures include inverse PCR (U.S. Pat. No. 4,994,370), primer adapted PCR (Mueller *et al.*, *Science*, 246:78-786 (1989)), and vectorette PCR (European Patent No. 0 439 330), AIMS (Souer *et al.*, *The Plant Journal*, 7(4):677-685, 1995)), or any other amplification or isolation procedure which is capable of being used to enhance a DNA composition for a diverse class of insertion junctions. Secondly, sequences from this DNA composition are arranged on a "detectable array". A detectable array is an arrangement of nucleic acid sequences from which specific sequences or subsets of sequences can be identified. The array can comprise DNA sequences bound to a solid support and can also include DNA compositions arranged in solution in suitable containers. The sequences will be ones which may be used to identify one or more specific insertion junctions. These sequences can, therefore, represent DNA of insertion junctions or, alternatively, sequences representing a particular locus for which an insertion mutation is desired. The insertion event can be identified by hybridizing gene-specific probes or using the PCR with gene-specific primers.

It is understood that one or more of the nucleic acid sequences of this invention may be used as probes or primers to detect insertion events according to the method described in United States Patent 6,013,486

Other methods to detect insertion events may also use the PCR. Further PCR-related examples of insertion detection can be found in, but are not limited to: Ballinger *et al.*, *Proc. Natl. Acad. Sci. USA*, 86:9402-9406 (1989), Rushforth, A. M., *et al.*, *Mol. Cell. Biol.*, 13:029-910 (1993), Zwaal, R.R., *et al.*, *Proc. Natl. Acad. Sci. USA*, 90:7431-7435 (1993), Koes, R. *et al.*, *Proc. Natl. Acad. Sci. USA* 92 8149-8153 (1995), Krysan *et al.*, *Proc. Natl. Acad. Sci. USA* 93, 8145-8150 (1996) and McKinney *et al.* *Plant J.* 8,613-622. (1995).

It is understood that one or more of the nucleic acid sequences of this invention may be used as primers to detect insertion events.

Antibodies have been expressed in plants (Hiatt *et al.*, *Nature* 342:76-78 (1989); Conrad and Fielder, *Plant Mol. Biol.* 26:1023-1030 (1994)). Cytoplasmic expression of a scFv (single-chain Fv antibodies) has been reported to delay infection by artichoke mottled crinkle virus. Transgenic plants that express antibodies directed against endogenous proteins may exhibit a physiological effect (Philips *et al.*, *EMBO J.* 16:4489-4496 (1997); Marion-Poll, *Trends in Plant Science* 2:447-448 (1997)). For example, expressed anti-abscissic antibodies have been reported to result in a general perturbation of seed development (Philips *et al.*, *EMBO J.* 16: 4489-4496 (1997)).

Antibodies that are catalytic may also be expressed in plants (abzymes). The principle behind abzymes is that since antibodies may be raised against many molecules, this recognition ability can be directed toward generating antibodies that bind transition states to force a chemical reaction forward (Persidas, *Nature Biotechnology* 15:1313-1315 (1997) Baca *et al.*, *Ann. Rev. Biophys. Biomol. Struct.* 26:461-493 (1997)). The catalytic abilities of abzymes may be enhanced by site directed mutagenesis. Examples of abzymes are, for example, set forth in U.S. Patent No: 5,658,753; U.S. Patent No. 5,632,990; U.S. Patent No. 5,631,137; U.S. Patent 5,602,015; U.S. Patent No. 5,559,538; U.S. Patent No. 5,576,174; U.S. Patent No. 5,500,358; U.S. Patent 5,318,897; U.S. Patent No. 5,298,409; U.S. Patent No. 5,258,289 and U.S. Patent No. 5,194,585.

It is understood that any of the antibodies of the invention may be expressed in plants and that such expression can result in a physiological effect. It is also understood that any of the expressed antibodies may be catalytic.

The present invention also provides for parts of the plants of the present invention. Plant parts, without limitation, include seed, endosperm, ovule and pollen. In a particularly preferred embodiment of the present invention, the plant part is a seed.

Exemplary Uses

Nucleic acid molecules and fragments thereof of the invention may be employed to obtain other nucleic acid molecules from the same species (nucleic acid molecules from maize may be utilized to obtain other nucleic acid molecules from maize). Such nucleic acid molecules include the nucleic acid molecules that encode the complete coding sequence of a protein and promoters and flanking sequences of such molecules. In addition, such nucleic acid molecules include nucleic acid molecules that encode for other isozymes or gene family members. Such molecules can be readily obtained by using the above-described nucleic acid molecules or fragments thereof to screen cDNA or genomic libraries. Methods for forming such libraries are well known in the art.

Nucleic acid molecules and fragments thereof of the invention may also be employed to obtain nucleic acid homologues. Such homologues include the nucleic acid molecule of other plants or other organisms (*e.g.*, alfalfa, barley, *Brassica*, broccoli, cabbage, citrus, cotton, garlic, oat, oilseed rape, onion, canola, flax, an ornamental plant, pea, peanut, pepper, potato, rye, sorghum, strawberry, sugarcane, sugarbeet, tomato, wheat, poplar, pine, fir, eucalyptus, apple, lettuce, lentils, grape, banana, tea, turf grasses, sunflower, oil palm, *Phaseolus*, etc.) including the nucleic acid molecules that encode, in whole or in part, protein homologues of other plant species or other organisms, sequences of genetic elements, such as promoters and transcriptional regulatory elements. Such molecules can be readily obtained by using the above-described nucleic acid molecules or fragments thereof to screen cDNA or genomic libraries obtained from such plant species. Methods for forming such libraries are well known in the art. Such homologue molecules may differ in their nucleotide sequences from those found in one or more of SEQ ID NO:

1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 and complements thereof.

Any of a variety of methods may be used to obtain one or more of the above-described nucleic acid molecules (Zamechik *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 83:4143-4146 (1986); Goodchild *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 85:5507-5511 (1988); Wickstrom *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 85:1028-1032 (1988); Holt *et al.*, *Molec. Cell. Biol.* 8:963-973 (1988); Gerwitz *et al.*, *Science* 242:1303-1306 (1988); Anfossi *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:3379-3383 (1989); Becker *et al.*, *EMBO J.* 8:3685-3691 (1989)). Automated nucleic acid synthesizers may be employed for this purpose. In lieu of such synthesis, the disclosed nucleic acid molecules may be used to define a pair of primers that can be used with the polymerase chain reaction (Mullis *et al.*, *Cold Spring Harbor Symp. Quant. Biol.* 51:263-273 (1986)); Erlich *et al.*, European Patent 50,424; European Patent 84,796; European Patent 258,017; European Patent 237,362; Mullis, European Patent 201,184; Mullis *et al.*, U.S. Patent 4,683,202; Erlich, U.S. Patent 4,582,788; and Saiki *et al.*, U.S. Patent 4,683,194) to amplify and obtain any desired nucleic acid molecule or fragment.

Promoter sequences and other genetic elements, including but not limited to transcriptional regulatory flanking sequences, associated with one or more of the disclosed nucleic acid sequences can also be obtained using the disclosed nucleic acid sequence provided herein. In one embodiment, such sequences are obtained by incubating nucleic acid molecules of the present invention with members of genomic libraries and recovering clones that hybridize to such nucleic acid molecules thereof. In a second embodiment, methods of "chromosome walking," or inverse PCR may be used to obtain such sequences (Frohman *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 85:8998-9002 (1988); Ohara *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:5673-5677 (1989); Pang *et al.*, *Biotechniques* 22:1046-1048 (1977); Huang *et al.*, *Methods Mol. Biol.* 69:89-96 (1997); Huang *et al.*, *Method Mol. Biol.* 67:287-294 (1997); Benkel *et al.*, *Genet. Anal.* 13:123-127 (1996); Hartl *et al.*, *Methods Mol. Biol.* 58:293-301 (1996)). The term "chromosome walking" means a process of extending a genetic map by successive hybridization steps.

The nucleic acid molecules of the invention may be used to isolate promoters of cell enhanced, cell specific, tissue enhanced, tissue specific, developmentally or environmentally regulated expression profiles. Isolation and functional analysis of the 5' flanking promoter sequences of these genes from genomic libraries, for example, using genomic screening methods and PCR techniques would result in the isolation of useful promoters and transcriptional regulatory elements. These methods are known to those of skill in the art and have been described (See, for example, Birren *et al.*, *Genome Analysis: Analyzing DNA*, 1, (1997), Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y.). Promoters obtained utilizing the nucleic acid molecules of the invention could also be modified to affect their control characteristics. Examples of such modifications would include but are not limited to enhancer sequences. Such genetic elements could be used to enhance gene expression of new and existing traits for crop improvement.

Another subset of the nucleic acid molecules of the invention includes nucleic acid molecules that are markers. The markers can be used in a number of conventional ways in the field of molecular genetics. Such markers include nucleic acid molecules SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof or fragments of either that can act as markers and other nucleic acid molecules of the present invention that can act as markers.

Genetic markers of the invention include "dominant" or "codominant" markers. "Codominant markers" reveal the presence of two or more alleles (two per diploid individual) at a locus. "Dominant markers" reveal the presence of only a single allele per locus. The presence of the dominant marker phenotype (*e.g.*, a band of DNA) is an indication that one allele is in either the homozygous or heterozygous condition. The absence of the dominant marker phenotype (*e.g.*, absence of a DNA band) is merely evidence that "some other" undefined allele is present. In the case of populations where individuals are predominantly homozygous and loci are predominately dimorphic, dominant and codominant markers can be equally valuable. As populations become more heterozygous and multi-allelic, codominant markers often become more informative of

the genotype than dominant markers. Marker molecules can be, for example, capable of detecting polymorphisms such as single nucleotide polymorphisms (SNPs).

SNPs can be characterized using any of a variety of methods (Botstein *et al.*, *Am. J. Hum. Genet.* 32:314-331 (1980); Konieczny and Ausubel, *Plant J.* 4:403-410 (1993);
 5 Myers *et al.*, *Nature* 313:495-498 (1985); Newton *et al.*, *Nucl. Acids Res.* 17:2503-2516 (1989); Wu *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 86:2757-2760 (1989); Barany, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:189-193 (1991); Labrune *et al.*, *Am. J. Hum. Genet.* 48: 1115-1120 (1991); Kuppuswami *et al.*, *Proc. Natl. Acad. Sci. USA* 88:1143-1147 (1991); Sarkar *et al.*, *Genomics* 13:441-443 (1992); Nikiforov *et al.*, *Nucl. Acids Res.* 22:4167-
 10 4175 (1994); Livak *et al.*, *PCR Methods Appl.* 4:357-362 (1995); Livak *et al.*, *Nature Genet.* 9:341-342 (1995); Chen and Kwok, *Nucl. Acids Res.* 25:347-353 (1997); Tyagi *et al.*, *Nature Biotech.* 16: 49-53 (1998); Haff and Smirnov, *Genome Res.* 7: 378-388 (1997); Neff *et al.*, *Plant J.* 14:387-392 (1998)).

Additional markers, such as AFLP markers, RFLP markers and RAPD markers,
 15 can be utilized (Walton, *Seed World* 22-29 (July, 1993); Burow and Blake, *Molecular Dissection of Complex Traits*, 13-29, Paterson (ed.), CRC Press, New York (1988)). Another marker type, RAPDs, are developed from DNA amplification with random primers and result from single base changes and insertions/deletions in plant genomes. They are dominant markers with a medium level of polymorphisms and are highly
 20 abundant. AFLP markers require using the PCR on a subset of restriction fragments from extended adapter primers. These markers are both dominant and codominant are highly abundant in genomes and exhibit a medium level of polymorphism.

The genomes of animals and plants naturally undergo spontaneous mutation in the course of their continuing evolution (Gusella, *Ann. Rev. Biochem.* 55:831-854 (1986)). A
 25 "polymorphism" is a variation or difference in the sequence of the gene or its flanking regions that arises in some of the members of a species. The variant sequence and the "original" sequence co-exist in the species' population. In some instances, such co-existence is in stable or quasi-stable equilibrium.

A polymorphism is thus said to be "allelic," in that, due to the existence of the
 30 polymorphism, some members of a species may have the original sequence (*i.e.*, the

original "allele") whereas other members may have the variant sequence (*i.e.*, the variant "allele"). In the simplest case, only one variant sequence may exist and the polymorphism is thus said to be di-allelic. In other cases, the species' population may contain multiple alleles and the polymorphism is termed tri-allelic, etc. A single gene
 5 may have multiple different unrelated polymorphisms. For example, it may have a di-allelic polymorphism at one site and a multi-allelic polymorphism at another site.

The variation that defines the polymorphism may range from a single nucleotide variation to the insertion or deletion of extended regions within a gene. In some cases, the DNA sequence variations are in regions of the genome that are characterized by short
 10 tandem repeats (STRs) that include tandem di- or tri-nucleotide repeated motifs of nucleotides. Polymorphisms characterized by such tandem repeats are referred to as "variable number tandem repeat" ("VNTR") polymorphisms. VNTRs have been used in identity analysis (Weber, U.S. Patent 5,075,217; Armour *et al.*, *FEBS Lett.* 307:113-115 (1992); Jones *et al.*, *Eur. J. Haematol.* 39:144-147 (1987); Horn *et al.*, PCT Patent
 15 Application WO91/14003; Jeffreys, European Patent Application 370,719; Jeffreys, U.S. Patent 5,175,082; Jeffreys *et al.*, *Amer. J. Hum. Genet.* 39:11-24 (1986); Jeffreys *et al.*, *Nature* 316:76-79 (1985); Gray *et al.*, *Proc. R. Acad. Soc. Lond.* 243:241-253 (1991); Moore *et al.*, *Genomics* 10:654-660 (1991); Jeffreys *et al.*, *Anim. Genet.* 18:1-15 (1987); Hillel *et al.*, *Anim. Genet.* 20:145-155 (1989); Hillel *et al.*, *Genet.* 124:783-789 (1990)).

20 The detection of polymorphic sites in a sample of DNA may be facilitated through the use of nucleic acid amplification methods. Such methods specifically increase the concentration of polynucleotides that span the polymorphic site, or include that site and sequences located either distal or proximal to it. Such amplified molecules can be readily detected by gel electrophoresis or other means.

25 In an alternative embodiment, such polymorphisms can be detected through the use of a marker nucleic acid molecule that is physically linked to such polymorphism(s). For this purpose, marker nucleic acid molecules comprising a nucleotide sequence of a polynucleotide located within 1 mb of the polymorphism(s) and more preferably within 100kb of the polymorphism(s) and most preferably within 10kb of the polymorphism(s)
 30 can be employed.

The identification of a polymorphism can be determined in a variety of ways. By correlating the presence or absence of it in a plant with the presence or absence of a phenotype, it is possible to predict the phenotype of that plant. If a polymorphism creates or destroys a restriction endonuclease cleavage site, or if it results in the loss or insertion of DNA (e.g., a VNTR polymorphism), it will alter the size or profile of the DNA fragments that are generated by digestion with that restriction endonuclease. As such, individuals that possess a variant sequence can be distinguished from those having the original sequence by restriction fragment analysis. Polymorphisms that can be identified in this manner are termed "restriction fragment length polymorphisms" ("RFLPs") (Glassberg, UK Patent Application 2135774; Skolnick *et al.*, *Cytogen. Cell Genet.* 32:58-67 (1982); Botstein *et al.*, *Ann. J. Hum. Genet.* 32:314-331 (1980); Fischer *et al.*, (PCT Application WO90/13668; Uhlen, PCT Application WO90/11369).

Polymorphisms can also be identified by Single Strand Conformation Polymorphism (SSCP) analysis (Elles, *Methods in Molecular Medicine: Molecular Diagnosis of Genetic Diseases*, Humana Press (1996); Orita *et al.*, *Genomics* 5:874-879 (1989)). A number of protocols have been described for SSCP including, but not limited to, Lee *et al.*, *Anal. Biochem.* 205:289-293 (1992); Suzuki *et al.*, *Anal. Biochem.* 192:82-84 (1991); Lo *et al.*, *Nucleic Acids Research* 20:1005-1009 (1992); Sarkar *et al.*, *Genomics* 13:441-443 (1992). It is understood that one or more of the nucleic acids of the invention, may be utilized as markers or probes to detect polymorphisms by SSCP analysis or to identify genetically linked molecular markers.

Polymorphisms may also be found using a DNA fingerprinting technique called amplified fragment length polymorphism (AFLP), which is based on the selective PCR amplification of restriction fragments from a total digest of genomic DNA to profile that DNA (Vos *et al.*, *Nucleic Acids Res.* 23:4407-4414 (1995)). This method allows for the specific co-amplification of high numbers of restriction fragments, which can be visualized by PCR without knowledge of the nucleic acid sequence. It is understood that one or more of the nucleic acids of the invention, may be utilized as markers or probes to detect polymorphisms by AFLP analysis or for fingerprinting RNA.

Polymorphisms may also be found using random amplified polymorphic DNA (RAPD) (Williams *et al.*, *Nucl. Acids Res.* 18:6531-6535 (1990)) and cleaveable amplified polymorphic sequences (CAPS) (Lyamichev *et al.*, *Science* 260:778-783 (1993)). It is understood that one or more of the nucleic acid molecules of the invention, may be utilized as markers or probes to detect polymorphisms by RAPD or CAPS analysis or identifying genetically linked molecular markers.

Through genetic mapping, a fine scale linkage map can be developed using DNA markers and, then, a genomic DNA library of large-sized fragments can be screened with molecular markers linked to the desired trait. Molecular markers are advantageous for agronomic traits that are otherwise difficult to tag, such as resistance to pathogens, insects and nematodes, tolerance to abiotic stress, quality parameters and quantitative traits such as high yield potential. Here, an altered phytosterol level are preferred traits.

Essential requirements for marker-assisted selection in a plant breeding program are: (1) the marker(s) should co-segregate or be closely linked with the desired trait; (2) an efficient means of screening large populations for the molecular marker(s) should be available; and (3) the screening technique should have high reproducibility across laboratories and preferably be economical to use and be user-friendly.

The genetic linkage of marker molecules can be established by a gene mapping model such as, without limitation, the flanking marker model reported by Lander and Botstein, *Genetics* 121:185-199 (1989) and the interval mapping, based on maximum likelihood methods described by Lander and Botstein, *Genetics* 121:185-199 (1989) and implemented in the software package MAPMAKER/QTL (Lincoln and Lander, *Mapping Genes Controlling Quantitative Traits Using MAPMAKER/QTL*, Whitehead Institute for Biomedical Research, Massachusetts, (1990). Additional software includes Qgene, Version 2.23 (1996), Department of Plant Breeding and Biometry, 266 Emerson Hall, Cornell University, Ithaca, NY). Use of Qgene software is a particularly preferred approach.

A maximum likelihood estimate (MLE) for the presence of a marker is calculated, together with an MLE assuming no QTL effect, to avoid false positives. A \log_{10} of an

odds ratio (LOD) is then calculated as: $LOD = \log_{10}(\text{MLE for the presence of a QTL} / \text{MLE given no linked QTL})$.

The LOD score essentially indicates how much more likely the data are to have arisen assuming the presence of a QTL than in its absence. The LOD threshold value for avoiding a false positive with a given confidence, say 95%, depends on the number of markers and the length of the genome. Graphs indicating LOD thresholds are set forth in Lander and Botstein, *Genetics* 121:185-199 (1989) and further described by Arús and Moreno-González, *Plant Breeding*, Hayward *et al.*, (eds.) Chapman & Hall, London, pp. 314-331 (1993).

Additional models can be used. Many modifications and alternative approaches to interval mapping have been reported, including the use non-parametric methods (Kruglyak and Lander, *Genetics* 139:1421-1428 (1995)). Multiple regression methods or models can be also be used, in which the trait is regressed on a large number of markers (Jansen, *Biometrics in Plant Breeding*, van Oijen and Jansen (eds.), Proceedings of the Ninth Meeting of the Eucarpia Section Biometrics in Plant Breeding, The Netherlands, pp. 116-124 (1994); Weber and Wricke, *Advances in Plant Breeding*, Blackwell, Berlin, 16 (1994)). Procedures combining interval mapping with regression analysis, whereby the phenotype is regressed onto a single putative QTL at a given marker interval and at the same time onto a number of markers that serve as 'cofactors,' have been reported by Jansen and Stam, *Genetics* 136:1447-1455 (1994), and Zeng, *Genetics* 136:1457-1468 (1994). Generally, the use of cofactors reduces the bias and sampling error of the estimated QTL positions (Utz and Melchinger, *Biometrics in Plant Breeding*, van Oijen and Jansen (eds.) Proceedings of the Ninth Meeting of the Eucarpia Section Biometrics in Plant Breeding, The Netherlands, pp.195-204 (1994), thereby improving the precision and efficiency of QTL mapping (Zeng, *Genetics* 136:1457-1468 (1994)). These models can be extended to multi-environment experiments to analyze genotype-environment interactions (Jansen *et al.*, *Theo. Appl. Genet.* 91:33-37 (1995)).

It is understood that one or more of the nucleic acid molecules of the invention may be used as molecular markers. It is also understood that one or more of the protein molecules of the invention may be used as molecular markers.

In accordance with this aspect of the invention, a sample nucleic acid is obtained from plant cells or tissues. Any source of nucleic acid may be used. Preferably, the nucleic acid is genomic DNA. The nucleic acid is subjected to restriction endonuclease digestion. For example, one or more nucleic acid molecule or fragment thereof of the invention can be used as a probe in accordance with the above-described polymorphic methods. The polymorphism obtained in this approach can then be cloned to identify the mutation at the coding region, which alters structure, or regulatory region of the gene, which affects its expression level.

In an aspect of the present invention, one or more of the nucleic molecules of the present invention are used to determine the level (*i.e.*, the concentration of mRNA in a sample, *etc.*) in a plant (preferably maize, soybean, rice or *Arabidopsis*) or pattern (*i.e.*, the kinetics of expression, rate of decomposition, stability profile, *etc.*) of the expression of a protein encoded in part or whole by one or more of the nucleic acid molecule of the present invention (collectively, the "Expression Response" of a cell or tissue).

As used herein, the Expression Response manifested by a cell or tissue is said to be "altered" if it differs from the Expression Response of cells or tissues of plants not exhibiting the phenotype. To determine whether a Expression Response is altered, the Expression Response manifested by the cell or tissue of the plant exhibiting the phenotype is compared with that of a similar cell or tissue sample of a plant not exhibiting the phenotype. As will be appreciated, it is not necessary to re-determine the Expression Response of the cell or tissue sample of plants not exhibiting the phenotype each time such a comparison is made; rather, the Expression Response of a particular plant may be compared with previously obtained values of normal plants. As used herein, the phenotype of the organism is any of one or more characteristics of an organism (*e.g.* disease resistance, pest tolerance, environmental tolerance such as tolerance to abiotic stress, male sterility, quality improvement or yield *etc.*). A change in genotype or phenotype may be transient or permanent. Also as used herein, a tissue sample is any sample that comprises more than one cell. In a preferred aspect, a tissue sample comprises cells that share a common characteristic (*e.g.* derived from root, seed, flower, leaf, stem or pollen *etc.*).

In one aspect of the present invention, an evaluation can be conducted to determine whether a particular mRNA molecule is present. One or more of the nucleic acid molecules of the present invention are utilized to detect the presence or quantity of the mRNA species. Such molecules are then incubated with cell or tissue extracts of a plant under conditions sufficient to permit nucleic acid hybridization. The detection of double-stranded probe-mRNA hybrid molecules is indicative of the presence of the mRNA; the amount of such hybrid formed is proportional to the amount of mRNA. Thus, such probes may be used to ascertain the level and extent of the mRNA production in a plant's cells or tissues. Such nucleic acid hybridization may be conducted under quantitative conditions (thereby providing a numerical value of the amount of the mRNA present). Alternatively, the assay may be conducted as a qualitative assay that indicates either that the mRNA is present, or that its level exceeds a user set, predefined value.

A number of methods can be used to compare the expression response between two or more samples of cells or tissue. These methods include hybridization assays, such as Northern, RNase protection assays, and *in situ* hybridization. Alternatively, the methods include PCR-type assays. In a preferred method, the expression response is compared by hybridizing nucleic acids from the two or more samples to an array of nucleic acids. The array contains a plurality of suspected sequences known or suspected of being present in the cells or tissue of the samples.

An advantage of *in situ* hybridization over more conventional techniques for the detection of nucleic acids is that it allows an investigator to determine the precise spatial population (Angerer *et al.*, *Dev. Biol.* 101:477-484 (1984); Angerer *et al.*, *Dev. Biol.* 112:157-166 (1985); Dixon *et al.*, *EMBO J.* 10:1317-1324 (1991)). *In situ* hybridization may be used to measure the steady-state level of RNA accumulation (Hardin *et al.*, *J. Mol. Biol.* 202:417-431 (1989)). A number of protocols have been devised for *in situ* hybridization, each with tissue preparation, hybridization and washing conditions (Meyerowitz, *Plant Mol. Biol. Rep.* 5:242-250 (1987); Cox and Goldberg, In: *Plant Molecular Biology: A Practical Approach*, Shaw (ed.), pp. 1-35, IRL Press, Oxford (1988); Raikhel *et al.*, *In situ RNA hybridization in plant tissues*, In: *Plant Molecular Biology Manual*, vol. B9:1-32, Kluwer Academic Publisher, Dordrecht, Belgium (1989)).

In situ hybridization also allows for the localization of proteins within a tissue or cell (Wilkinson, *In Situ Hybridization*, Oxford University Press, Oxford (1992); Langdale, *In Situ Hybridization In: The Maize Handbook*, Freeling and Walbot (eds.), pp. 165-179, Springer-Verlag, New York (1994)). It is understood that one or more of the
 5 molecules of the invention, preferably one or more of the nucleic acid molecules or fragments thereof of the invention or one or more of the antibodies of the invention may be utilized to detect the level or pattern of a protein or mRNA thereof by *in situ* hybridization.

Fluorescent *in situ* hybridization allows the localization of a particular DNA
 10 sequence along a chromosome which is useful, among other uses, for gene mapping, following chromosomes in hybrid lines or detecting chromosomes with translocations, transversions or deletions. *In situ* hybridization has been used to identify chromosomes in several plant species (Griffor *et al.*, *Plant Mol. Biol.* 17:101-109 (1991); Gustafson *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 87:1899-1902 (1990); Mukai and Gill, *Genome*
 15 34:448-452 (1991); Schwarzach and Heslop-Harrison, *Genome* 34:317-323 (1991); Wang *et al.*, *Jpn. J. Genet.* 66:313-316 (1991); Parra and Windle, *Nature Genetics* 5:17-21 (1993)). It is understood that the nucleic acid molecules of the invention may be used as probes or markers to localize sequences along a chromosome.

Another method to localize the expression of a molecule is tissue printing. Tissue
 20 printing provides a way to screen, at the same time on the same membrane many tissue sections from different plants or different developmental stages (Yomo and Taylor, *Planta* 112:35-43 (1973); Harris and Chrispeels, *Plant Physiol.* 56:292-299 (1975); Cassab and Varner, *J. Cell. Biol.* 105:2581-2588 (1987); Spruce *et al.*, *Phytochemistry* 26:2901-2903 (1987); Barres *et al.*, *Neuron* 5:527-544 (1990); Reid and Pont-Lezica,
 25 *Tissue Printing: Tools for the Study of Anatomy, Histochemistry and Gene Expression*, Academic Press, New York, New York (1992); Reid *et al.*, *Plant Physiol.* 93:160-165 (1990); Ye *et al.*, *Plant J.* 1:175-183 (1991)).

It is understood that one or more of the molecules of the invention, preferably one or more of the nucleic acid molecules of the present invention or one or more of the

antibodies of the invention may be utilized to detect the presence or quantity of a protein or fragment of the invention by tissue printing.

Further it is also understood that any of the nucleic acid molecules of the invention may be used as marker nucleic acids and or probes in connection with methods that require probes or marker nucleic acids. As used herein, a probe is an agent that is
 5 utilized to determine an attribute or feature (*e.g.* presence or absence, location, correlation, etc.) of a molecule, cell, tissue or plant. As used herein, a marker nucleic acid is a nucleic acid molecule that is utilized to determine an attribute or feature (*e.g.*, presence or absence, location, correlation, etc.) or a molecule, cell, tissue or plant.

10 This invention provides arrays of polynucleotide or peptide target molecules arranged on a surface of a substrate. The target molecules are preferably known molecules, *e.g.* polynucleotides (including oligonucleotides) or peptides, which are capable of hybridizing to complementary probes. The target molecules are preferably immobilized, *e.g.* by covalent or non-covalent bonding, to the surface in small amounts of
 15 substantially purified and isolated molecules in a grid pattern. By immobilized is meant that the target molecules maintain their position relative to the solid support under hybridization and washing conditions. Target molecules are deposited in small footprint, isolated quantities of "spotted elements" of preferably single-stranded polynucleotide preferably arranged in rectangular grids in a density of about 30 to 1000 or more spotted
 20 elements per square centimeter. The economics of arrays favors a high density design criteria providing microarrays for detection of transcription events for a large number of genes provided that the target molecules are sufficiently separated so that the intensity of the indicia of a binding event associated with highly expressed probe molecules does not overwhelm and mask the indicia of neighboring binding events. For high density
 25 microarrays each spotted element may contain up to about 50 or more copies of the target molecule, *e.g.* as few as about 4 to 10 strands of single-stranded cDNA on glass substrates or more cDNA on nylon substrates. Probe molecules are typically unknown molecules, often a mixture of unknown molecules, which are labeled, *e.g.* with a fluorescent, radioactive or enzymatic label. Preferably each copy of a probe molecule
 30 contains a label so that a measurement of label intensity is proportional to detected probe

concentration. Mixtures of probes from different sources can be differentially labeled, *e.g.* with different colored dyes or with different types of labels. For many applications a preferred label is a radioactive isotope nucleotide, *e.g.* a nucleotide such as dUTP, dCTP, dGTP or dATP with an isotope such as ^{32}P . An array “substrate” is typically a solid

5 material for supporting target molecules; substrates can be flexible such as nylon membranes or rigid such as glass sheet or silicon wafer; nylon membranes are common, porous supports for microarrays.

Arrays of this invention can be prepared for use with classes or organisms, *e.g.* animals, plants or microorganisms. The arrays can be prepared from target molecules

10 from a single species or multiple species. Exemplary single species arrays include animals such as human, mouse and *Drosophila*, plants such as maize, soybean, rice and *Arabidopsis thaliana*, microorganisms such as *Aspergillus nidulans*, *E. coli*, *Agrobacterium tumefaciens* and viruses. Useful arrays can also comprise target molecules from multiple species. Arrays with target molecules from single species can

15 be used with probe molecules from the same species or a different species or a mixture or species, *e.g.* due to the ability of cross species homologous genes to hybridize. It is generally preferred for high stringency hybridization that the target and probe molecules be from the same species or even from a common tissue in an organism under study. However, because of homology, cross-species hybridization can be effective. In

20 preferred aspects of this invention the organism of interest is a plant and the target molecules are selected from the nucleic acid molecules having at least 60 percent sequence identity to sequences in the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof. In other preferred aspects of the invention

25 at least 10% of the target molecules on an array have at least 20 consecutive nucleotides of sequence which is at least 60%, more preferably up to 100%, identical with a sequence of the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or complements thereof.

Although the shape of the substrates can vary, it is common for the array to be disposed in a rectangular area on a planar surface of the substrate to facilitate registration of target molecules in an addressable array. Generally, the overall dimensions of an array are in the range of 1 to 40 cm. Target molecules can be immobilized on an array substrate by covalent or non-covalent binding. Examples of non-covalent binding include non-specific adsorption, non-specific binding through a specific binding pair member covalently attached to the support surface, and entrapment in a matrix material, *e.g.* a hydrated or dried separation medium, which presents the target in a manner sufficient for binding, *e.g.* hybridization, to occur. Examples of covalent binding include covalent bonds formed between the target and a functional group present on the surface of the solid support, *e.g.* -OH, where the functional group may be naturally occurring or present as a member of an introduced linking group.

Spotted elements can be placed on arrays by depositing target molecules in a grid pattern onto a substrate or fabricating oligonucleotide or peptide sequences *in situ* on a substrate. Array design and fabrication methods are well known in the art and disclosed for instance in U.S. Patents 4,923,901; 5,079,600; 5,143,854; 5,202,231; 5,242,974; 5,384,261; 5,405,783; 5,412,087; 5,424,186; 5,429,807; 5,436,327; 5,445,934; 5,472,672; 5,525,464; 5,527,681; 5,529,756; 5,532,128; 5,545,531; 5,554,501; 5,556,752; 5,561,071; 5,571,639; 5,593,839; 5,599,695; 5,624,711; 5,658,734; 5,700,637; 5,744,305; 5,800,992; 6,004,755 and 6,087,102.

Protocols for isolating nucleic acids, proteins and their fractions from cells, tissues, organs and whole organisms are described in: Maniatis *et al.*, *Molecular Cloning: A Laboratory Manual* (Cold Spring Harbor Press)(1989); Scope R., *Protein Purification. Principle and Practice* (Springer-Verlag)(1994); and Deutscher, *Guide to Protein Purification* (Academic Press)(1990)). Such methods typically involve subsection of the original biological source to one or more of tissue/cell homogenization, nucleic acid/protein extraction, chromatography, centrifugation, affinity binding and the like.

The subject arrays or devices into which they are incorporated may conveniently be stored following fabrication for use at a later time. Under appropriate conditions, the subject arrays are capable of being stored for at least about 6 months and may be stored

for up to one year or longer. The subject arrays are generally stored at temperatures between about -20°C . to room temperature, where the arrays are preferably sealed in a plastic container, *e.g.* bag, and shielded from light.

Such arrays are useful in a variety of applications, including gene discovery, genomic research and bioactive compound screening. One important use of arrays is in the analysis of differential gene expression, *e.g.* transcription profiling where the expression of genes in different cells, normally a cell of interest and a control, is compared and any discrepancies in expression are identified. In such assays, the presence of discrepancies indicates a difference in genes expressed in the cells being compared.

Such information is useful for the identification of the types of genes expressed in a particular cell or tissue type in a known environment. Such gene expression analysis applications including differential expression analysis of diseased and normal tissue; different tissues or subtypes; tissues and cells under different condition states, like predisposition to disease, age, exposure to pathogens or toxic agents, etc.; and the like.

Such applications generally involve the following steps: (a) preparation of probe, *e.g.* attaching a label to a plurality of expressed molecules; (b) contact of probe with the array under conditions sufficient for probe to bind with corresponding target, *e.g.* by hybridization or specific binding; (c) removal of unbound probe from the array; and (d) detection of bound probe. Each of these steps will be described in greater detail below.

Probe preparation depends on the specific nature of the probe, *e.g.* whether the probe is a polynucleotide or peptide. Polynucleotide probes may be RNA or DNA, as well as hybridizing analogues or mimetics thereof, *e.g.* nucleic acids in which the phosphodiester linkage has been replaced with a substitute linkage, such as a phosphorothioate, methylimino, methylphosphonate, phosphoramidite, guanidine and the like; and nucleic acids in which the ribose subunit has been substituted, *e.g.* hexose phosphodiester, peptide nucleic acids; and the like. The probe will have sufficient complementarity to its target to provide for the desired level of sequence specific hybridization. Polynucleotide probes can range from about 10 to 2000 nucleotides where short probes in the range of about 15 to 100 nucleotides are commonly called

oligonucleotide probes. Although polynucleotide probes may be double stranded, single stranded probes are preferred.

Peptide probes that find use in the subject invention include: antibodies, *e.g.* polyclonal, monoclonal, and binding fragments thereof; peptides with high affinity to the target, as well as analogues and mimetics thereof; ligands, receptors, and the like.

Generally, the probe molecule will be labeled to provide for detection in the detection step. By labeled is meant that the probe comprises a member of a signal producing system and is thus detectable, either directly or through combined action with one or more additional members of a signal producing system. Examples of directly detectable labels include isotopic and fluorescent materials incorporated into or covalently bonded to the probe molecule. More particularly the label can comprise a nucleotide monomeric unit, *e.g.* dNTP of a primer, or a photoactive or chemically active derivative of a detectable label which can be bound to a functional part of the probe molecule. Isotopic label elements include ^{32}P , ^{33}P , ^{35}S , ^{125}I , and the like. Fluorescent label elements include coumarin and its derivatives, *e.g.* 7-amino-4-methylcoumarin, aminocoumarin, bodipy dyes, such as Bodipy FL, cascade blue, fluorescein and its derivatives, *e.g.* fluorescein isothiocyanate, Oregon green, rhodamine dyes, *e.g.* Texas red, tetramethylrhodamine, eosins and erythrosins, cyanine dyes, *e.g.* Cy3 and Cy5, macrocyclic chelates of lanthanide ions, fluorescent energy transfer dyes, such as thiazole orange-ethidium heterodimer, TOTAB, etc. Labels may also be members of a signal producing system that act in concert with one or more additional members of the same system to provide a detectable signal. Illustrative of such labels are members of a specific binding pair, such as ligands, *e.g.* biotin, fluorescein, digoxigenin, antigen, polyvalent cations, chelator groups and the like, where the members specifically bind to additional members of the signal producing system, where the additional members provide a detectable signal either directly or indirectly, *e.g.* antibody conjugated to a fluorescent moiety or an enzymatic moiety capable of converting a substrate to a chromogenic product, *e.g.* alkaline phosphatase conjugate antibody; and the like. Additional labels of interest include those that provide for signal only when the probe with which they are associated is specifically bound to a target molecule, where such

labels include: "molecular beacons" as described in Tyagi & Kramer, Nature Biotechnology (1996) 14:303 and EP 0 070 685 B1. Other labels of interest include those described in U.S. Pat. No. 5,563,037; WO 97/17471 and WO 97/17076. A preferred label for polynucleotide probes is ^{32}P which is incorporated into copies of RNA via a radiolabeled dNTP, *e.g.* ^{32}P -dUTP.

Arrays of this invention preferably comprise at least 30 different and separated target nucleic acid molecules immobilized on a solid support in a manner that complementary probe nucleic acid molecules can be hybridized thereto, wherein said target nucleic acid molecules have at least 20 consecutive nucleotides in a sequence selected from the group consisting of:

- (a) SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478;
- (b) sequences which are complements of (a);
- (c) sequences which have at least 60% identity to a sequence of (a) or (b);
- (d) sequences of molecules of which hybridize to a sequence of (a) or (b) or (c);

Such arrays are useful in methods of this invention for determining a level or pattern of gene transcription in a plant cell or plant tissue under evaluation. Such methods comprise assaying the concentration of an mRNA molecule, whose concentration is dependent upon the transcription of said gene, by hybridizing the mRNA molecule to a second nucleic acid molecule according to this invention, *e.g.* molecules having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 and complements thereof. In a preferred method differences in rice, wheat, *Arabidopsis* or soy plant gene expression in at least two different plant tissues are analyzed by (a) obtaining a sample of ribonucleic acid molecules from each of the plant tissues; (b) generating from each sample of ribonucleic acid molecules a population of labeled nucleic acid molecules; (c) contacting each of populations of labeled nucleic acid molecules with a separate array of this invention; and (d) comparing the hybridization patterns thereof.

In such methods the array is contacted with probe molecules under conditions sufficient for binding between the probe and the target of the array. For example, where the probe and target are nucleic acids, the probe will be contacted with the array under conditions sufficient for hybridization to occur between the probe and target, where the hybridization conditions will be selected in order to provide for the desired level of hybridization specificity. For peptide probes, conditions will be selected to provide for specific binding between the probe and its target.

Contact of the array and probe involves contacting the array with an aqueous medium comprising the probe. Contact may be achieved in a variety of different ways depending on specific configuration of the array. For example, contact may be accomplished by simply placing the array in a container comprising the probe solution, such as a vial, plastic bag and the like. In other embodiments where the array is entrapped in a separation media bounded by two rigid plates, the opportunity exists to deliver the probe via electrophoretic means. Alternatively, where the array is incorporated into a biochip device having fluid entry and exit ports, the probe solution can be introduced into the chamber in which the pattern of target molecules is presented through the entry port, where fluid introduction could be performed manually or with an automated device. In multiwell embodiments, the probe solution will be introduced in the reaction chamber comprising the array, either manually, *e.g.* with a pipette, or with an automated fluid handling device. For flexible nylon substrate microarrays it is convenient to roll the nylon substrate into a roll for insertion into a vial where a small volume of probe solution can efficiently contact target through shaking.

Contact of the probe solution and the targets will be maintained for a sufficient period of time for binding between the probe and the target to occur. Although dependent on the nature of the probe and target, contact will generally be maintained for a period of time ranging from about 10 min to 24 hrs, usually from about 30 min to 12 hrs and more usually from about 1 hr to 6 hrs.

Following binding of probe and target, the resultant hybridization patterns of labeled probe may be visualized or detected in a variety of ways, with the particular manner of detection being chosen based on the particular label of the nucleic acid, where

representative detection means include scintillation counting, autoradiography, fluorescence measurement, calorimetric measurement, light emission measurement and the like. The method may or may not further comprise a non-bound label removal step prior to the detection step, depending on the particular label employed on the probe. For example, in homogenous assay formats a detectable signal is only generated upon specific binding of probe to target. As such, in homogenous assay formats, the hybridization pattern may be detected without a non-bound label removal step. In other embodiments, the label employed will generate a signal whether or not the probe is specifically bound to its target. In such embodiments, the non-bound labeled probe is removed from the support surface. One means of removing the non-bound labeled probe is to perform the well known technique of washing, where a variety of wash solutions and protocols for their use in removing non-bound label are known to those of skill in the art and may be used. Alternatively, in those situations where the targets are entrapped in a separation medium in a format suitable for application of an electric field to the medium, the opportunity arises to remove non-bound labeled probe from the target by electrophoretic means. With radioactive labeled probes it is important to remove the unbound probe. The hybridization binding events can be read by exposure of a radioactive-labeled hybridized array to photographic film or preferably a digitizer for simultaneously reading and storing the intensity of the hybridization events.

The target expression level in the particular tissue being analyzed can be derived from the intensity of the detected signal. To ensure that an accurate level of expression is derived, it is useful to provide the array with standard spotted elements of blanks and fixed quantity of label to calibrate the detected probe signals.

Any of the nucleic acid molecules of the invention may either be modified by site directed mutagenesis or used as, for example, nucleic acid molecules that are used to target other nucleic acid molecules for modification.

It is understood that mutants with more than one altered nucleotide can be constructed using techniques that practitioners are familiar with, such as isolating restriction fragments and ligating such fragments into an expression vector (*see, for*

example, Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, Cold Spring Harbor Press (1989)).

Two steps may be employed to characterize DNA-protein interactions. The first is to identify sequence fragments that interact with DNA-binding proteins, to titrate binding activity, to determine the specificity of binding and to determine whether a given DNA-binding activity can interact with related DNA sequences (Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, 2nd edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York (1989)). Electrophoretic mobility-shift assay is a widely used assay. The assay provides a rapid and sensitive method for detecting DNA-binding proteins based on the observation that the mobility of a DNA fragment through a nondenaturing, low-ionic strength polyacrylamide gel is retarded upon association with a DNA-binding protein (Fried and Crother, *Nucleic Acids Res.* 9:6505-6525 (1981)). When one or more specific binding activities have been identified, the exact sequence of the DNA bound by the protein may be determined.

Several procedures for characterizing protein/DNA-binding sites are used (Maxam and Gilbert, *Methods Enzymol.* 65:499-560 (1980); Wissman and Hillen, *Methods Enzymol.* 208:365-379 (1991); Galas and Schmitz, *Nucleic Acids Res.* 5:3157-3170 (1978); Sigman *et al.*, *Methods Enzymol.* 208:414-433 (1991); Dixon *et al.*, *Methods Enzymol.* 208:414-433 (1991)). It is understood that one or more of the nucleic acid molecules of the invention may be utilized to identify a protein or fragment thereof that specifically binds to a nucleic acid molecule of the invention. It is also understood that one or more of the protein molecules or fragments thereof of the invention may be utilized to identify a nucleic acid molecule that specifically binds to it.

A two-hybrid system is based on the fact that proteins, such as transcription factors that interact (physically) with one another carry out many cellular functions. Two-hybrid systems have been used to probe the function of new proteins (Chien *et al.*, *Proc. Natl. Acad. Sci. (U.S.A.)* 88:9578-9582 (1991); Durfee *et al.*, *Genes Dev.* 7:555-569 (1993); Choi *et al.*, *Cell* 78:499-512 (1994); Kranz *et al.*, *Genes Dev.* 8:313-327 (1994)).

Interaction mating techniques have facilitated a number of two-hybrid studies of protein-protein interaction. Interaction mating has been used to examine interactions

between small sets of tens of proteins (Finley and Brent, *Proc. Natl. Acad. Sci. (U.S.A.)* 91:12098-12984 (1994)), larger sets of hundreds of proteins (Bendixen *et al.*, *Nucl. Acids Res.* 22:1778-1779 (1994)) and to comprehensively map proteins encoded by a small genome (Bartel *et al.*, *Nature Genetics* 12:72-77 (1996)). This technique utilizes proteins fused to the DNA-binding domain and proteins fused to the activation domain. They are expressed in two different haploid yeast strains of opposite mating type and the strains are mated to determine if the two proteins interact. Mating occurs when haploid yeast strains come into contact and result in the fusion of the two haploids into a diploid yeast strain. An interaction can be determined by the activation of a two-hybrid reporter gene in the diploid strain.

It is understood that the protein-protein interactions of protein or fragments thereof of the invention may be investigated using the two-hybrid system and that any of the nucleic acid molecules of the invention that encode such proteins or fragments thereof may be used to transform yeast in the two-hybrid system.

(e) Computer Readable Media

The nucleotide sequence provided in SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 13478 or fragment thereof, or complement thereof, or a nucleotide sequence at least 70% identical, preferably 90% identical even more preferably 99% or about 100% identical to one or more of the nucleic acid sequences provided in SEQ ID NO: 1287 through SEQ ID NO:3291, SEQ ID NO: 5479 through SEQ ID NO: 8350, SEQ ID NO: 9242 through SEQ ID NO: 10474 SEQ ID 13478 or complement thereof or fragments of either or amino acid sequences provided in SEQ ID NO: 1 through SEQ ID NO 1286, SEQ ID NO: 3292 through SEQ ID NO: 5478, SEQ ID NO: 8351 through SEQ ID NO: 9241 and SEQ ID NO: 13479 through SEQ ID NO: 24143 or homologues thereof, can be "provided" in a variety of mediums to facilitate use.

In one application, a nucleotide or amino acid sequence of the invention can be recorded on computer readable media so that a computer-readable medium comprises one or more of the nucleotide or amino acid sequences of the invention. As used herein, "computer readable media" refers to any medium that can be read and accessed directly

by a computer. Such media include, but are not limited to: magnetic storage media, such as floppy discs, hard disc, storage medium and magnetic tape; optical storage media such as CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media.

5 Any number of the sequences, or sequence fragments, of the nucleic acid molecules or proteins of the invention, or fragments of either, can be included, in any number of combinations, on a computer-readable medium.

The present invention further provides systems, particularly computer-based systems, which contain the sequence information described herein. Such systems are
10 designed to identify commercially important fragments of the nucleic acid molecules or amino acid molecules of the present invention. As used herein, "a computer-based system" refers to the hardware means, software means, and data storage means used to analyze the nucleotide sequence information of the present invention. The minimum hardware means of the computer-based systems of the present invention comprises a
15 central processing unit (CPU), input means, output means, and data storage means. A skilled artisan can readily appreciate that any one of the currently available computer-based system are suitable for use in the present invention.

As indicated above, the computer-based systems of the present invention comprise a data storage means having stored therein a nucleotide or amino acid sequence
20 of the present invention and the necessary hardware means and software means for supporting and implementing a search means. As used herein, "data storage means" refers to memory that can store nucleotide or amino acid sequence information of the present invention, or a memory access means which can access manufactures having recorded thereon the nucleotide or amino acid sequence information of the present
25 invention. As used herein, "search means" refers to one or more programs which are implemented on the computer-based system to compare a target sequence or target structural motif with the sequence information stored within the data storage means. Search means are used to identify fragments or regions of the sequence of the present invention that match a particular target sequence or target motif. A variety of known
30 algorithms are disclosed publicly and a variety of commercially available software for

conducting search means are available can be used in the computer-based systems of the present invention. Examples of such software include, but are not limited to, MacPattern (EMBL), BLASTN and BLASTX (NCBI). One of the available algorithms or implementing software packages for conducting homology searches can be adapted for use in the present computer-based systems.

The most preferred sequence length of a target sequence is from about 30 to 300 nucleotide residues or from about 10 to 100 of the corresponding amino acids. However, it is well recognized that during searches for commercially important fragments of the nucleic acid or amino acid molecules of the present invention may be of shorter length.

As used herein, "a target structural motif," or "target motif," refers to any rationally selected sequence or combination of sequences in which the sequence(s) are chosen based on a three-dimensional configuration which is formed upon the folding of the target motif. There are a variety of target motifs known in the art. Protein target motifs include, but are not limited to, enzymatic active sites and signal sequences. Nucleic acid target motifs include, but are not limited to, promoter sequences, *cis* elements, hairpin structures and inducible expression elements (protein binding sequences).

Thus, the present invention further provides an input means for receiving a target sequence, a data storage means for storing the target sequences of the present invention sequence identified using a search means as described above, and an output means for outputting the identified homologous sequences. A variety of structural formats for the input and output means can be used to input and output information in the computer-based systems of the present invention. A preferred format for an output means ranks fragments of the sequence of the present invention by varying degrees of homology to the target sequence or target motif. Such presentation provides a skilled artisan with a ranking of sequences which contain various amounts of the target sequence or target motif and identifies the degree of homology contained in the identified fragment.

Computer media of the nucleic acid or amino acid sequences of this invention can comprise as few as 1000 distinct nucleic acid or amino acid sequences including complements and homologs, preferably at least 2,000 or 3,000, more preferably at least

5,000 or 10,000 or more, e.g. 15,000 or 20,000 and in certain embodiments as much as 30,00 or 40,000 distinct nucleic acid or amino acid sequences.

Having now described the invention, the following examples are provided by way of illustration and are not intended to limit the scope of the invention, unless specified.

Example 1

This example illustrates the construction of the rice genomic library. BACs are stable, non-chimeric cloning systems having genomic fragment inserts (100-300 kb) and their DNA can be prepared for most types of experiments including DNA sequencing. BAC vector, pBeloBAC11, is derived from the endogenous *E. coli* F-factor plasmid, which contains genes for strict copy number control and unidirectional origin of DNA replication. Additionally, pBeloBAC11 has three unique restriction enzyme sites (*Hind* III, *Bam* HI and *Sph* I) located within the *LacZ* gene which can be used as cloning sites for megabase-size plant DNA. Indigo, another BAC vector contains *Hind* III and *Eco* RI cloning sites. This vector also contains a random mutation in the *LacZ* gene that allows for darker blue colonies.

As an alternative, the P1-derived artificial chromosome (PAC) can be used as a large DNA fragment cloning vector (Ioannou *et al.*, *Nature Genet.* 6:84-89 (1994); Suzuki *et al.*, *Gene* 199:133-137 (1997). The PAC vector has most of the features of the BAC system, but also contains some of the elements of the bacteriophage P1 cloning system.

BAC libraries are generated by ligating size-selected restriction digested DNA with pBeloBAC11 followed by electroporation into *E. coli*. BAC library construction and characterization is extremely efficient when compared to YAC (yeast artificial chromosome) library construction and analysis, particularly because of the chimerism associated with YACs and difficulties associated with extracting YAC DNA.

There are general methods for preparing megabase-size DNA from plants. For example, the protoplast method yields megabase-size DNA of high quality with minimal breakage. The process involves preparing young leaves which are manually feathered with a razor-blade before being incubated for four to five hours with cell-wall-degrading enzymes. The second method developed by Zhange *et al.*, *Plant J.* 7:175-184 (1995), is a universal nuclei method that works well for several divergent plant taxa. Fresh or

frozen tissue is homogenized with a blender or mortar and pestle. Nuclei are then isolated and embedded. DNA prepared by the nucleic method is often more concentrated and is reported to contain lower amounts of chloroplast DNA than the protoplast method.

Once protoplasts or nuclei are produced, they are embedded in an agarose matrix as plugs or microbeads. The agarose provides a support matrix to prevent shearing of the DNA while allowing enzymes and buffers to diffuse into the DNA. The DNA is purified and manipulated in the agarose and is stable for more than one year at 4°C.

Once high molecular weight DNA has been prepared, it is fragmented to the desired size range. In general, DNA fragmentation utilizes two general approaches, 1) physical shearing and 2) partial digestion with a restriction enzyme that cuts relatively frequently within the genome. Since physical shearing is not dependent upon the frequency and distribution of particular restriction enzymes sites, this method should yield the most random distribution of DNA fragments. However, the ends of the sheared DNA fragments must be repaired and cloned directly or restriction enzyme sites added by the addition of synthetic linkers. Because of the subsequent steps required to clone DNA fragmented by shearing, most protocols fragment DNA by partial restriction enzyme digestion. The advantage of partial restriction enzyme digestion is that no further enzymatic modification of the ends of the restriction fragments are necessary. Four common techniques that can be used to achieve reproducible partial digestion of megabase-size DNA are 1) varying the concentration of the restriction enzyme, 2) varying the time of incubation with the restriction enzyme 3) varying the concentration of an enzyme cofactor (*e.g.*, Mg²⁺) and 4) varying the ratio of endonuclease to methylase.

There are three cloning sites in pBeloBAC11, but only *Hind* III and *Bam* HI produce 5' overhangs for easy vector dephosphorylation. These two restriction enzymes are primarily used to construct BAC libraries. The optimal partial digestion conditions for megabase-size DNA are determined by wide and narrow window digestions. To optimize the optimum amount of *Hind* III, 1, 2, 3, 10, and 5- units of enzyme are each added to 50 ml aliquots of microbeads and incubated at 37 °C for 20 minutes.

After partial digestion of megabase-size DNA, the DNA is run on a pulsed-field gel, and DNA in a size range of 100-500 kb is excised from the gel. This DNA is ligated

to the BAC vector or subjected to a second size selection on a pulsed field gel under different running conditions. Studies have previously reported that two rounds of size selection can eliminate small DNA fragments co-migrating with the selected range in the first pulse-field fractionation. Such a strategy results in an increase in insert sizes and a more uniform insert size distribution. A practical approach to performing size selections is to first test for the number of clones/microliter of ligation and insert size from the first size selected material. If the numbers are good (500 to 2000 white colony/microliter of ligation) and the size range is also good (50 to 300 kb) then a second size selection is practical. When performing a second size selection one expects a 80 to 95% decrease in the number of recombinant clones per transformation.

Twenty to two hundred nanograms of the size-selected DNA is ligated to dephosphorylated BAC vector (molar ratio of 10 to 1 in BAC vector excess). Most BAC libraries use a molar ratio of 5 to 15 : 1 (size selected DNA:BAC vector).

Transformation is carried out by electroporation and the transformation efficiency for BACs is about 40 to 1,500 transformants from one microliter of ligation product or 20 to 1000 transformants/ng DNA.

Several tests can be carried out to determine the quality of a BAC library. Three basic tests to evaluate the quality include: the genome coverage of a BAC library-average insert size, average number of clones hybridizing with single copy probes and chloroplast DNA content.

The determination of the average insert size of the library is assessed in two ways. First, during library construction every ligation is tested to determine the average insert size by assaying 20-50 BAC clones per ligation. DNA is isolated from recombinant clones using a standard mini preparation protocol, digested with *Not* I to free the insert from the BAC vector and then sized using pulsed field gel electrophoresis (Maule, *Molecular Biotechnology* 9:107-126 (1998)).

To determine the genome coverage of the library, it is screened with single copy RFLP markers distributed randomly across the genome by hybridization. Microtiter plates containing BAC clones are spotted onto Hybond membranes. Bacteria from 48 or 72 plates are spotted twice onto one membrane resulting in 18,000 to 27,648 unique

clones on each membrane in either a 4X4 or 5X5 orientation. Since each clone is present twice, false positives are easily eliminated and true positives are easily recognized and identified.

Finally, the chloroplast DNA content in the BAC library is estimated by
 5 hybridizing three chloroplast genes spaced evenly across the chloroplast genome to the library on high density hybridization filters.

There are strategies for isolating rare sequences within the genome. For example, higher plant genomes can range in size from 100 Mb/1C (*Arabidopsis*) to 15,966 Mb/C (*Triticum aestivum*), (Arumuganathan and Earle, *Plant Mol Bio Rep*.9:208-219 (1991)).

10 The number of clones required to achieve a given probability that any DNA sequence will be represented in a genomic library is $N = (\ln(1-P))/(\ln(1-L/G))$ where N is the number of clones required, P is the probability desired to get the target sequence, L is the length of the average clone insert in base pairs and G is the haploid genome length in base pairs (Clarke *et al.*, *Cell* 9:91-100 (1976)).

15 The rice BAC library of the present invention is constructed in the pBeloBAC11 or similar vector. Inserts are generated by partial *Eco* RI or other enzymatic digestion of DNA.

Example 2

This example illustrates the construction of the *Arabidopsis thaliana* genomic
 20 library. DNA from *Arabidopsis thaliana*, *Landsberg erecta* seedlings is prepared by a CTAB genomic DNA isolation protocol as described by Dean *et al.* *Plant J* 2:69-81(1992) and modified by Dubois *et al.* *Plant J.* 13:141-151 (1998).

A solution of DNA to be sheared is prepared in a 1.5 ml microcentrifuge tube by mixing 15 ug of DNA, 6 µl of 10X mung bean (MB) buffer (10X MB buffer = 300mM
 25 NaOAc, pH 5.0, 500 mM NaCl, 10 mM ZnCl₂, 50% glycerol), and water to a final volume of 60 µl. The DNA solution is kept on ice prior to sonication. For sonication, a cup horn probe chilled with ice water for 1 hour prior to sonication is used. The sonicator (Ultrasonic Liquid Processor XL2020, Misonix Inc.) is pulsed for approximately 10 seconds on full power prior to use. DNA samples are sonicated twice for 6 seconds each
 30 at 60% power. Four sample tubes may be processed at once in a multi-tube rack which is

positioned 1 to 3 mm above the opening in the probe. The DNA is returned to ice and a 1 μ l sample is analyzed by electrophoresis on a 0.8% agarose gel in 0.5X TBE gel, run at 60 volts for 30 minutes. Sonication may be repeated if necessary.

A 0.26 μ l aliquot of mung bean nuclease (150,000 u/ml) is added to sheared DNA and the sample is incubated at 30° C for 10 minutes. To stop the digestion, 20 μ l of 1 M NaCl, 140 μ l dd H₂O, and 200 μ l of phenol:chloroform are added to the sample which is then, vortexed and centrifuged for 20 minutes at 13,000 rpm. The resulting aqueous phase is transferred into a new 1.5 ml microcentrifuge tube, 500 μ l of 95% ethanol is added, and the DNA is precipitated overnight at -80° C. The sample is centrifuged for 30 minutes at 13,000 rpm, washed with 500 μ l of 95% ethanol and centrifuged again for 30 minutes at 13,000rpm. The sample is then dried under vacuum, and resuspended in 10 μ l TE.

The sheared DNA fragments are sized and purified by preparative agarose gel electrophoresis. Five microliters of 6x BP-XC-glycerol dye (0.25% BP, 0.25% XC, 30% glycerol) is added to the sample. The sample is split into two samples and loaded (12.5 μ l per lane) on a 0.8% (1x TAE) low-melting agarose gel (SeaPlaque GTG) and electrophoresed at 60 V, 46 mA for 3.5 hours.

The gel is photographed under long wave UV and slices containing DNA fragments of 1.3 - 1.7 kb and 2 - 4 kb are excised and excess agarose cut away. The gel slices are placed in 1.5 ml microcentrifuge tubes. One gel slice is stored at -20° C. 15 μ l of 1 M NaCl is added to the other gel slice, followed by melting of the agarose by incubation at 65° C for 8 minutes. The resulting approximately 250 μ l samples are placed into microcentrifuge tubes. An equal volume of water is added, following which the sample is vortexed and placed at room temperature for 2 minutes to bring the temperature up to 30 -35° C. 0.5 ml of water-saturated phenol that has been cooled on ice is added and the sample vortexed vigorously. The sample is placed on ice for 5 minutes, and the vortexing step repeated.

The sample is centrifuged at 4°C in a microcentrifuge for 20 minutes. The upper phase is transferred to a clean tube, and the bottom phenol layer is reextracted by addition of 200 μ l of dd H₂O. The sample is vortexed and placed on ice for 5 minutes, followed

by centrifugation for 15 minutes. The aqueous layer is extracted and added to the aqueous layer from the previous step. Phenol extraction is repeated with 0.5 ml phenol, followed by vortexing and centrifugation for 20 minutes at 4°C. The aqueous layer is removed and repeated sec-butanol extractions are performed until the final volume is reduced to approximately 0.165 ml

Two volumes of 95% ethanol (400 µl) are added and the sample is stored at -80°C overnight. The sample is centrifuged for 30 minutes at room temperature to pellet the DNA, washed once with 95% ethanol and dried briefly under vacuum. The sample is resuspended in 7 µl of TE. A 1 µl sample is run on a 0.8% agarose gel with markers to estimate concentration of recovered fraction.

M13 Library

20 ng of M13 DNA digested with *Sma*I is mixed with 1 µl of 10x ligation buffer (10X ligation buffer = 0.5M tris pH 7.4, 0.1M MgCl₂, 0.1M DDT), 1µl of 1mM ATP and 100 - 200 ng of sheared genomic DNA fragments (1 - 3 µl volume), and 0.3 µl of high concentration NEB ligase (5 unit/µl) is added. Water is added to a final volume of 10ul and the sample is incubated overnight at 14° C.

Plasmid Library

200 ng (4 µl) of pSTBlue vector (Novegene) is mixed with approximately 600 ng (12 µl) of sheared genomic DNA fragments from the 2-4kb size range gel slices and 1.2 µl of Gibco T4 ligase (5 units per µl) is added. Water is added to a final volume of 30ul and the sample is incubated overnight at 14° C.

Transformation

The ligation reaction is titered and diluted for optimal transformation efficiency. When the ligation contains approximately 20 ng of M13 vector, the dilution will typically be from 1:25 to 1:100. A 1:25 dilution is used for plasmid ligation containing approximately 200 ng of vector DNA. To increase transformation efficiency, the ligase is denatured by heating at 65°C for 7 minutes, and placed at room temperature for 5 minutes following the heating step.

A sterile electroporation cuvette is chilled for each transformation. Electro-competent cells are removed from the -80° C freezer and thawed on ice. For each M13

transformation, a sterile tube containing 25 μ l of IPTG (25 mg/ml in water), 25 μ l of X-Gal (25 mg/ml in dimethylformamide) and 3 ml of YT top agar is prepared, capped and placed in a 45° C water bath. YT plates are pre-warmed at 37° C for several hours to avoid cross-contamination problems that may result if water remains on plates. For

5 plasmid transformations, a sterile tube containing 0.5 ml of SOC medium is prepared for each transformation, and L + amp plates are pre-spread with 25 μ l of IPTG and 25 μ l of X-Gal.

25 μ l of electro-competent cells are mixed with DNA in diluted ligation mix in the cuvette, and the sample pulsed in an *E. coli* pulser (BioRad) set to the appropriate

10 voltage (1.80kV for 0.1 cm cuvettes; 2.50kV for 0.2 cm cuvettes). The cuvette is removed from the pulser, and the sample immediately transferred to the tube containing SOC or YT top agar. For M13 transfections, the sample is plated immediately on YT plates. For plasmid transformations, the tube is placed in a 37° C shaker for 15-30 minutes and 30 μ l aliquots are plated on L + Amp plates. Plates are incubated at 37° C

15 overnight.

Example 3

This example serves to illustrate how the genomic sequences are sequenced and combined into contigs. Two basic methods can be used for DNA sequencing, the chain termination method of Sanger *et al.*, *Proc. Natl. Acad. Sci. USA* 74:5463-5467 (1977),

20 the entirety of which is herein incorporated by reference and the chemical degradation method of Maxam and Gilbert, *Proc. Natl. Acad. Sci. USA* 74:560-564 (1977).

Automation and advances in technology such as the replacement of radioisotopes with fluorescence-based sequencing have reduced the effort required to sequence DNA (Craxton, *Methods*, 2:20-26 (1991); Ju *et al.*, *Proc. Natl. Acad. Sci. USA* 92:4347-4351

25 (1995); Tabor and Richardson, *Proc. Natl. Acad. Sci. USA* 92:6339-6343 (1995)).

Automated sequencers are available from, for example, Pharmacia Biotech, Inc., Piscataway, New Jersey (Pharmacia ALF), LI-COR, Inc., Lincoln, Nebraska (LI-COR 4,000) and Millipore, Bedford, Massachusetts (Millipore BaseStation).

In addition, advances in capillary gel electrophoresis have also reduced the effort

30 required to sequence DNA and such advances provide a rapid high resolution approach

for sequencing DNA samples (Swerdlow and Gesteland, *Nucleic Acids Res.* 18:1415-1419 (1990); Smith, *Nature* 349:812-813 (1991); Luckey *et al.*, *Methods Enzymol.* 218:154-172 (1993); Lu *et al.*, *J. Chromatog. A.* 680:497-501 (1994); Carson *et al.*, *Anal. Chem.* 65:3219-3226 (1993); Huang *et al.*, *Anal. Chem.* 64:2149-2154 (1992); Kheterpal
 5 *et al.*, *Electrophoresis* 17:1852-1859 (1996); Quesada and Zhang, *Electrophoresis* 17:1841-1851 (1996); Baba, *Yakugaku Zasshi* 117:265-281 (1997)). The 3700 DNA Sequencer (Perkin-Elmer Corp., Applied Biosystems Div., Foster City, CA) is a machine which uses this technology.

A number of sequencing techniques are known in the art, including fluorescence-
 10 based sequencing methodologies. These methods have the detection, automation and instrumentation capability necessary for the analysis of large volumes of sequence data. With these types of automated systems, fluorescent dye-labeled sequence reaction products are detected and data entered directly into the computer, producing a chromatogram that is subsequently viewed, stored, and analyzed using the corresponding
 15 software programs. These methods are known to those of skill in the art and have been described and reviewed (Birren *et al.*, *Genome Analysis: Analyzing DNA*, 1, Cold Spring Harbor, New York (1999)).

PHRED is used to call the bases from the sequence trace files
 (www.mbt.washington.edu). Phred uses Fourier methods to examine the four base traces
 20 in the region surrounding each point in the data set in order to predict a series of evenly spaced predicted locations. That is, it determines where the peaks would be centered if there were no compressions, dropouts, or other factors shifting the peaks from their "true" locations. Next, PHRED examines each trace to find the centers of the actual, or observed peaks and the areas of these peaks relative to their neighbors. The peaks are
 25 detected independently along each of the four traces so many peaks overlap. A dynamic programming algorithm is used to match the observed peaks detected in the second step with the predicted peak locations found in the first step.

After the base calling is completed, contaminating sequences (*e.g.*, *E. coli*) are removed, and BAC vector and sub-cloning vectors sequence segments with > 30 bases

are trimmed and constraints are made for the assembler. Rice contigs are assembled using CAP3 (Huang *et al.*, *Genomics* 46: 37-45 (1997)).

A two-step re-assembly process is employed to reduce sequence redundancies caused by overlaps between BAC clones. In the first step, BAC clones are grouped into clusters based on overlaps between contig sequences from different BACs. These overlaps are identified by comparing each sequence in the dataset against every other sequences, by BLASTN. BACs containing overlaps greater than 5,000 base pairs in length and greater than 94% in sequence identity are put into the same cluster. Repetitive sequences are masked prior to this procedure to avoid false joining by repetitive elements present in the genome. In the second step, sequences from each BAC cluster are assembled by PHRAP.longread, which is able to handle very long sequences. A minimum match is set at 100 bp and a minimum score is set at 600 as a threshold to join input contigs into longer contigs.

Arabidopsis thaliana contigs are assembled using PANGEA clustering tools (PANGEA Systems, Inc.) and PHRAP (www.mbt.washington.edu). PANGEA clustering tools are a series of scripts which group sequences (clusters) by comparing pairs of sequences for overlapping bases. The overlap is determined using the following high stringency parameters: word size = 8; window size = 60; and identity is 93%. Each of the clusters are then assembled using PHRAP. This step results in islands. The next step is to combine the islands together to collapse the contig number even further. Default, less stringent parameters, are used in this step: minimum match =14, minimum score = 30; and the penalty is -2.

Example 4

This example illustrates the identification of genes within rice or *Arabidopsis thaliana* genomic contig libraries as assembled above. The genes and partial genes embedded in such contigs are identified through a series of informatic analyses. The tools to define genes fall into two categories: homology-based and predictive-based methods. Homology-based searches (*e.g.*, GAP2, BLASTX supplemented by NAP and TBLASTX) detect conserved sequences during comparisons of DNA sequences or hypothetically translated protein sequences to public and/or proprietary DNA and protein

databases. Existence of an *Oryza sativa* gene is inferred if significant sequence similarity extends over the majority of the target gene. Since homology-based methods may overlook genes unique to *Oryza sativa*, for which homologous nucleic acid molecules have not yet been identified in databases, gene prediction programs are also used.

- 5 Predictive methods employed in the definition of the *Oryza sativa* genes include the use of the GenScan gene predictive software program. GeneScan is available from Stanford University (*e.g.* at the web site [gnomic/stanford.edu/GENSCANW.html](http://gnomic.stanford.edu/GENSCANW.html)). In general terms, GenScan infers the presence and extent of a gene through a search for “gene-like” grammar.

- 10 The homology-based methods used to define the *Oryza sativa* gene set include BLASTX supplemented by NAP. For a description of BLASTX *see* Coulson, *Trends in Biotechnology* 12:76-80 (1994) and Birren *et al.*, *Genome Analysis*, 1:543-559 (1997). NAP is part of the Analysis and Annotation Tool (AAT) for Finding Genes in Genomic Sequences which was developed by Xiaoqiu Huang at Michigan Tech University and is
- 15 available at the web site genome.cs.mtu.edu/. The AAT package includes two sets of programs, one set DPS/NAP (referred to as “NAP”) for comparing the query sequence with a protein database, and the other set DDS/GAP2 (referred to as “GAP2”) for comparing the query sequence with a cDNA database. Each set contains a fast database search program and a rigorous alignment program. The database search program quickly
- 20 identifies regions of the query sequence that are similar to a database sequence. Then the alignment program constructs an optimal alignment for each region and the database sequence. The alignment program also reports the coordinates of exons in the query sequence. *See* Huang *et al.*, *Genomics* 46: 37-45 (1997).

- 25 The NAP program computes a global alignment of a DNA sequence and a protein sequence without penalizing terminal gaps. NAP handles frameshifts and long introns in the DNA sequence. The program delivers the alignment in linear space, so long sequences can be aligned. It makes use of splice site consensus in alignment computation. Both strands of the DNA sequence are compared with the protein sequence and one of the two alignments with the larger score is reported. *See* Huang, and Zhang,
- 30 “*Computer Applications in the Biosciences* 12(6), 497-506 (1996).

NAP takes a nucleotide sequence, translates it in three forward reading frames and three reverse complement reading frames, and then compares the six translations against a protein sequence database (*e.g.* the non-redundant protein (*i.e.*, nr-aa) database maintained by the National Center for Biotechnology Information as part of GenBank and available at the web site: www.ncbi.nlm.nih.gov).

The second homology-based method used for gene discovery is BLASTX hits extended with the NAP software package. BLASTX is run with the *Oryza sativa* genomic contigs as queries against the GenBank non-redundant protein data library identified as "nr.aa". NAP is used to better align the amino acid sequences as compared to the genomic sequence. NAP extends the match in regions where BLASTX has identified high-scoring-pairs (HSPs), predicts introns, and then links the exons into a single ORF prediction. Experience suggests that NAP tends to mis-predict the first exon. The NAP parameters are:

gap extension penalty = 1

gap open penalty = 15

gap length for constant penalty = 25

min exon length (in aa) = 7

minimum total length of all exons in a gene (in nucleotide) = 200

homology > 40%

The NAP alignment score and GenBank reference number for best match are reported for each contig for which there is a NAP hit.

The GenScan program is "trained" with *Arabidopsis thaliana* characteristics. Though better than the "off-the-shelf" version, the GenScan trained to identify *Oryza sativa* and *Arabidopsis thaliana* genes proved more proficient at predicting exons than predicting full-length genes. Predicting full-length genes is compromised by point mutations in the unfinished contigs, as well as by the short length of the contigs relative to the typical length of a gene. Due to the errors found in the full-length gene predictions by GenScan, inclusion of GenScan-predicted genes is limited to those genes and exons whose probabilities are above a conservative probability threshold. The GenScan parameters are:

weighted mean GenScan P value > 0.4

mean GenScan T value > 0

mean GenScan Coding score > 50

length > 200 bp

- 5 The weighted mean GenScan P value is a probability for correctly predicting ORFs or partial ORFs and is defined as the $(1/\sum l_i)(\sum l_i P_i)$, where “l” is the length of a exon and “P” is the probability or correctness for the exon.

Example 5

10 This example illustrates the generation of the EST libraries from cDNA prepared from a variety of *Arabidopsis thaliana*, Columbia ecotype, *Glycine max*, *Oryza sativa* and *Zea mays* tissue. Wild type *Arabidopsis thaliana* seeds are planted in commonly used planting pots and grown in an environmental chamber. Tissue is harvested as follows:

- (a) For leaf tissue-based cDNA, leaf blades are cut with sharp scissors at seven weeks after planting;
- 15 (b) For root tissue-based cDNA, roots of seven-week old plants are rinsed intensively with tap water to wash away dirt, and briefly blotted by paper towel to take away free water;
- (c) For stem tissue-based cDNA, stems are collected seven to eight weeks after planting by cutting the stems from the base and cutting the top of the
- 20 plant to remove the floral tissue;
- (d) For flower bud tissue-based cDNA, green and unopened flower buds are harvested about seven weeks after planting;
- (e) For open flower tissue-based cDNA, completely opened flowers with all parts of floral structure observable, but no siliques are appearing, and are
- 25 harvested about seven weeks after planting;
- (f) For immature seed tissue-based cDNA, seeds are harvested at approximately 7-8 weeks of age. The seeds range in maturity from the smallest seeds that could be dissected from siliques to just before starting to turn yellow in color.

All tissue is immediately frozen in liquid nitrogen and stored at -80 °C until total RNA extraction. The stored RNA is purified using Trizol reagent from Life Technologies (Gibco BRL, Life Technologies, Gaithersburg, Maryland U.S.A.), essentially as recommended by the manufacturer. Poly A+ RNA (mRNA) is purified using magnetic oligo dT beads essentially as recommended by the manufacturer (Dynabeads, Dynal Corporation, Lake Success, New York U.S.A.).

Construction of plant cDNA libraries is well-known in the art and a number of cloning strategies exist. A number of cDNA library construction kits are commercially available. The Superscript™ Plasmid System for cDNA synthesis and Plasmid Cloning (Gibco BRL, Life Technologies, Gaithersburg, Maryland U.S.A.) is used, following the conditions suggested by the manufacturer.

The cDNA libraries are plated on LB agar containing the appropriate antibiotics for selection and incubated at 37° for a sufficient time to allow the growth of individual colonies. Single colonies are individually placed in each well of a 96-well microtiter plates containing LB liquid including the selective antibiotics. The plates are incubated overnight at approximately 37°C with gentle shaking to promote growth of the cultures. The plasmid DNA is isolated from each clone using Qiaprep plasmid isolation kits, using the conditions recommended by the manufacturer (Qiagen Inc., Santa Clara, California U.S.A.).

The template plasmid DNA clones are used for subsequent sequencing. For sequencing the cDNA libraries, a commercially available sequencing kit, such as the ABI PRISM dRhodamine Terminator Cycle Sequencing Ready Reaction Kit with AmpliTaq® DNA Polymerase, FS, is used under the conditions recommended by the manufacturer (PE Applied Biosystems, Foster City, CA). The ESTs of the present invention are generated by sequencing initiated from the 5' end of each cDNA clone.

A number of sequencing techniques are known in the art, including fluorescence-based sequencing methodologies. These methods have the detection, automation and instrumentation capability necessary for the analysis of large volumes of sequence data. Currently, the 377 DNA Sequencer (Perkin-Elmer Corp., Applied Biosystems Div., Foster City, CA) allows the most rapid electrophoresis and data collection. With these

types of automated systems, fluorescent dye-labeled sequence reaction products are detected and data entered directly into the computer, producing a chromatogram that is subsequently viewed, stored, and analyzed using the corresponding software programs. These methods are known to those of skill in the art and have been described and reviewed (Birren *et al.*, *Genome Analysis: Analyzing DNA*, 1, Cold Spring Harbor, New York).

The generated ESTs (including any full length cDNA sequences) are combined with ESTs and full length cDNA sequences in public databases such as GenBank. Duplicate sequences are removed; and duplicate sequence identification numbers are replaced. The combined dataset is then clustered and assembled using Pangea Systems tool identified as CAT v.3.2. First, the EST sequences are screened and filtered, *e.g.* high frequency words are masked to prevent spurious clustering; sequence common to known contaminants such as cloning bacteria are masked; high frequency repeated sequences and simple sequences are masked; unmasked sequences of less than 100 bp are eliminated. The thus-screened and filtered ESTs are combined and subjected to a word-based clustering algorithm which calculates sequence pair distances based on word frequencies and uses a single linkage method to group like sequences into clusters of more than one sequence, as appropriate. Clustered sequence files are assembled individually using an iterative method based on PHRAP/CRAW/MAP providing one or more self-consistent consensus sequences and inconsistent singleton sequences. The assembled clustered sequence files are checked for completeness and parsed to create data representing each consensus contiguous sequence (contig), the initial EST sequences, and the relative position of each EST in a respective contig. The sequence of the 5' most clone is identified from each contig. The initial sequences that are not included in a contig are separated out. A FASTA file is created consisting of sequences comprising the sequence of each contig and all original sequences which were not included in a contig.

Example 6

cDNA sequences are assembled as above and are translated into all six reading frames. Translations of genes or gene fragments from genomic DNA whose coordinates are determined by Genscan or AAT/NAP are searched against standard or fragment Pfam

(version 5.3) profile Hidden Markov Models for transcription factor families as are the cDNA translations (A. Bateman, E. Birney, R. Durbin, S.R. Eddy, K.L. Howe, and E.L.L. Sonnhammer *Nucleic Acids Research*, 28:263-266, 2000). HMMs for transcription factor families in Pfam were rebuilt using HMMER software based on the full alignment
 5 provided in Pfam. The E value cutoff is set at 10.

Hidden Markov Models are constructed for transcription factor families not included in the Pfam database by aligning known domains manually. Hidden Markov Models are built using hmmbuild (with and without the -f option) using the HMMER software with the alignments as input. HMM models are calibrated using the HMMER
 10 software (hmmcalibrate) with the HMM model as input. Protein data sets are searched with the HMM models using hmmsearch in the HMMER software package version 2.1.1 using default parameters.

Framealign searches are used when known transcription factor domains are not detected by Hidden Markov Models. In these cases, the domains per transcription factor
 15 family are listed from the Transfac database (Wingender, E., Chen, X., Hehl, R., Karas, H., Liebich, I., Matys, V., Meinhardt, T., Pr   , M., Reuter, I. and Schacherer, F.:TRANSFAC: an integrated system for gene expression regulation *Nucleic Acids Res.* 28, 316-319 (2000)). Using Gencore software version 4.5.4 (Compugen, www.cgen.com) DNA datasets are framealign searched with each domain using an E
 20 value cutoff of 1E-3 all other parameters are default. The search results are combined for all domains per family.

Additional transcription factors are found by keyword searches which are carried out against cDNA sequences annotated using the BLAST 2.0 suite of programs with default parameters. Keyword searching is carried out against the top hit (E value better
 25 than or equal to 1E-08) using terms indicative of transcription factor families from Table 1.

Description of the Tables:**Table 1** Column Headings:

Transcription Factor Family: Entries in this column list the transcription factor families as listed in the Pfam database (pfam.wustl.edu/), Transfac (Wingender, E., *et al.*, *Nucleic Acids Res.* 28, 316-319 (2000) or PROSITE (expasy.proteome.org.au/prosite/).

Family Description: Entries in this column describe the transcription factor families listed in column 1. These descriptions are from the Pfam database (pfam.wustl.edu/), Transfac (Wingender, E., *et al.*, *Nucleic Acids Res.* 28, 316-319 (2000) or PROSITE (expasy.proteome.org.au/prosite/).

Related families: Entries in this column list the transcription factor families related to the families listed in column 1.

Table 2

Table 2 lists the *Arabidopsis thaliana* amino acid sequences translated from cDNA sequences determined to be transcription factors as analyzed in Example 6, above.

Table 2 column headings**SEQ NUM**

The entries in the SEQ NUM column refer to the corresponding sequence in the sequence listing

SEQ ID

The SEQ ID is the name of the sequence as given in the SEQDB database (Monsanto, St. Louis Missouri). ".f1", ".f2", ".f3", ".f4", ".f5" and ".f6" refer the frame in which these sequences are translated from their corresponding nucleic acid sequence listed in Table 3.

Family/Method/E value

Entries in this column list the transcription factor family to which the sequence belongs. The families are described in Table 1. The entries also list the method used to determine transcription factor family. "HMM" refers to the Hidden Markov Model method as described in Example 6. "Framesearch" refers to the framealign search method described in Example 6 and "keyword" refers to BLAST annotation followed by keyword searching as described in Example 6.

The E value for each of the methods is also listed in this column. E value is defined as the expectation E (range 0 to infinity) calculated for an alignment between the query sequence and a database sequence can be extrapolated to an expectation over the entire database search, by converting the pairwise expectation to a probability (range 0-1) and multiplying the result by the ratio of the entire database size (expressed in residues) to the length of the matching database sequence. In detail:

$$E_database = (1 - \exp(-E)) D / d$$

where D is the size of the database; d is the length of the matching database sequence; and the quantity $(1 - \exp(-E))$ is the probability, P, corresponding to the expectation E for the pairwise sequence comparison.

Table 3

Table 3 lists the sequences encoding transcription factors for *Arabidopsis thaliana*. These nucleic acid molecules are cDNA sequences assembled as in Example 6. They encode the amino acid molecules listed in Table 2. Correspondence between a particular nucleic acid molecule and its amino acid sequence is evident in that both have the same names under the Seq ID column except that the amino acid sequences in Table 2 are followed by .f1,.f2,.f3,.f4,.f5,f6 referring to the frame in which they are translated.

The column heading descriptions are the same as in Table 2.

Table 4

Table 4 lists the amino acid sequences determined to be transcription factors from maize. ".f1",".f2",".f3",".f4",".f5" and ".f6" extensions under the Seq ID column refer the frame in which these sequences are translated from their corresponding nucleic acid sequence listed in Table 5. The column headings are the same as in Table 2.

Table 5

Table 5 lists the sequences encoding transcription factors for maize. These nucleic acid molecules are cDNA sequences assembled as in Example 6. They encode the amino acid molecules listed in Table 4. Correspondence between a particular nucleic acid molecule and its amino acid sequence is evident in that both have the same names under the Seq ID column except that the amino acid sequences in Table 5 are followed by .f1,.f2,.f3,.f4,.f5,f6 referring to the frame in which they are translated.

The column heading descriptions are the same as in Table 2.

Table 6

Table 6 lists the amino acid sequences determined to be transcription factors from rice. ".frame1", ".frame2", ".frame3", ".frame4", ".frame5" and ".frame6" extensions under the Seq ID column refer the frame in which these sequences are translated from their
5 corresponding nucleic acid sequence listed in Table 7. The column headings are the same as in Table 2.

Table 7

Table 7 lists the sequences encoding transcription factors for rice. These nucleic
10 acid molecules are cDNA sequences assembled as in Example 5. They encode the amino acid molecules listed in Table 6. Correspondence between a particular nucleic acid molecule and its amino acid sequence is evident in that both have the same names under the Seq ID column except that the amino acid sequences in Table 6 are followed by .f1,.f2,.f3,.f4,.f5,f6 referring to the frame in which they are translated.

15 The column heading descriptions are the same as in Table 2.

Table 8

Table 8 lists the amino acid sequences determined to be transcription factors from soy. ".f1", ".f2", ".f3", ".f4", ".f5" and ".f6" extensions under the Seq ID column refer the frame in which these sequences are translated from their corresponding nucleic acid
20 sequence listed in Table 9. The column headings are the same as in Table 2.

Table 9

Table 9 lists the sequences encoding transcription factors for rice. These nucleic
acid molecules are cDNA sequences assembled as in Example 6. They encode the amino acid molecules listed in Table 8. Correspondence between a particular nucleic acid
25 molecule and its amino acid sequence is evident in that both have the same names under the Seq ID column except that the amino acid sequences in Table 8 are followed by .f1,.f2,.f3,.f4,.f5,f6 referring to the frame in which they are translated.

The column heading descriptions are the same as in Table 2.

Table 10

Table 10 lists *Arabidopsis thaliana* amino acid sequences determined to be transcription factors by the methods in Example 6. These amino acid sequences are translated from genomic DNA sequences. The translation coordinates are determined by

5 GENSCAN as described in Example 4.

The column heading descriptions are the same as in Table 2

Table 11

Table 11 lists rice amino acid sequences determined to be transcription factors by the methods in Example 6. These amino acid sequences are translated from genomic

10 DNA sequences. The translation coordinates are determined by GENSCAN as described in Example 4.

The column heading descriptions are the same as in Table 2.

Table 12

Table 12 lists rice amino acid sequences determined to be transcription factors by the methods in Example 6. These amino acid sequences are translated from genomic

15 DNA sequences. The translation coordinates are determined by AAT/NAP as described in Example 4.

The column heading descriptions are the same as in Table 2.

20 All references, patents, and patent applications cited in this application are incorporated by reference in their entirety.

Table 1
Transcription factor family **Family description** **Related families**

| | | |
|----------------|---|-------------|
| AP2 | This 60 amino acid residue domain can bind to DNA -- this domain is plant specific -- members of this family are suggested to be related to pyridoxal phosphate-binding domains such as found in aminotran 2 – ethylene response (inducible). <u>Examples:</u> ethylene-responsive element binding proteins (EREBPs) & <i>E. coli</i> universal stress protein UspA | |
| ANK | Ankyrin repeat. Some Ankyrin-only proteins will interact with rel-ankyrin proteins to inhibit DNA binding activity. <u>Examples:</u> IkB α , γ , β and cactus. | |
| ARF | Auxin response factor -- plant specific. Not in Pfam-- not to be confused with similarly named ADP-ribosylation factor (GTP binding protein) which is listed as ARF in Pfam. | |
| ARID | AT-Rich Interaction Domain – DNA-binding. <u>Examples:</u> Structural homology with T4 RNase H, <i>E. coli</i> endonuclease III & <i>Bacillus subtilis</i> DNA polymerase I | |
| AT-hook | The AT-hook is an AT-rich DNA-binding motif that was first described in mammalian high-mobility-group non-histone chromosomal protein HMG-I/Y. It is necessary and sufficient for binding to the narrow minor groove of stretches of AT-rich DNA via a conserved nine amino acid peptide (KRPRGRPKK). Many of the AT-hook DNA-binding motif proteins have been shown to have an effect on the structure and architecture of chromatin at levels beyond the action of the basic histones. They have been shown to also play a role in transcription regulation by acting as cofactors. | |
| 14-3-3 | The 14-3-3 proteins are a family of closely related acidic homodimeric proteins of about 30 Kd. The GF14 (G-Box Factor 14-3-3 Homolog) family are a group of proteins similar to 14-3-3 proteins that bind G-box oligonucleotides in promoters to regulate transcription. | |
| B3 | Similar to ARF – plant specific. Not in Pfam. Binds DNA directly. | |
| BAH | Bromo-adjacent homology. Appears to act as a protein-protein interaction module specialized in gene silencing. It might play an important role by linking DNA methylation, replication and transcriptional regulation. <u>Examples:</u> DNA (cytosine-5) methyltransferases & Origin recognition complex 1 (Orc1) proteins. | bromodomain |
| basic | This basic domain is found in the MyoD family of muscle specific proteins that control muscle development. The bHLH region of the MyoD family includes the basic domain and the Helix-loop-helix (HLH) motif. The bHLH region mediates specific DNA binding with 12 residues of the basic domain involved in DNA binding. The basic domain forms an extended alpha helix in the structure. | bHLH |
| BPF-1 | The parsley BPF-1 protein (Box P-binding factor) was identified as a transcription factor that bound the promoter of | |

| | | |
|------------------------|--|----------------|
| | phenylalanine ammonia lyase (PAL1) in response to a fungal elicitor. An Arabidopsis homolog HPPBF-1 (H-protein promoter binding factor-1), was found to regulate light-dependent expression of the H subunit of glycine decarboxylase, a mitochondrial enzyme complex involved in photorespiration. | |
| bromodomain | About 70 amino acids -- Exact function of this domain is not yet known but it is thought to be involved in protein-protein interactions and it may be important for the assembly or activity of multicomponent complexes involved in transcriptional activation. <u>Examples:</u> Mammalian CREB-binding protein; also found in many chromatin associated proteins -- bromodomains can interact specifically with acetylated lysine. | BAH |
| BTB | Named for BR-C, ttk and bab -- approximately 115 amino acids. The POZ or BTB domain is also known as BR-C/Ttk or ZfN Found primarily in zinc finger proteins -- present near the N-terminus of a fraction of zinc finger (zf-C2H2) proteins. The BTB/POZ domain mediates homomeric dimerization and in some instances heteromeric dimerization -- inhibits the interaction of their associated finger regions with DNA -- shown to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. <u>Other Examples:</u> <i>Drosophila</i> bric a brac protein plus an estimated 40 members in <i>Drosophila</i> . | POZ Zf-C2H2 |
| BZIP | Basic region mediating sequence-specific DNA-binding followed by a leucine zipper required for dimerization -- family is quite large. <u>Examples:</u> Fos, Jun, CRE, & <i>Arabidopsis</i> G-box binding factors GBF. | |
| CBFD, NFYB, HMF | Histone-like transcription factors (CBF/NF-Y) and archaeal histones CCAAT-binding factor (CBF). Heteromeric transcription factor that consists of two different components, both needed for DNA-binding. First subunit of CBFD (NF-YB) binds DNA (protein of 116 to 210 amino-acid residues); the second subunit of CBFD (NF-YA) contains an N-terminal subunit-association domain and a C-terminal DNA recognition domain (a protein of 265 to 350 amino-acid residues). <u>Other Examples:</u> histone-like subunits of transcription factor IID. | Histones |
| chromo | CHRomatin Organization MOdifier -- about 60 amino acids Originally found in proteins that modify the structure of chromatin to the condensed morphology of heterochromatin (<i>Drosophila</i> modifiers of variegation). <u>Examples:</u> Fission yeast swi6 (repression of the silent mating-type loci mat2 and mat3), <i>Drosophila</i> protein Su(var)3-9 (a suppressor of position-effect variegation), & mammalian DNA-binding/helicase proteins CHD-1 to CHD-4. | chromo shadow |

| | | |
|----------------------|---|--------|
| chromo shadow | This domain is distantly related to chromo. This domain is always found in association with a chromo domain although not all chromo domain proteins contain the chromo shadow. <u>Examples:</u> Fission yeast swi6 (repression of the silent mating-type loci mat2 and mat3). | chromo |
| Copper-fist | Some fungal transcription factors contain a N-terminal domain which seems to be involved in copper-dependent DNA-binding -- undergo a conformational change in presence of copper. <u>Examples:</u> Yeast ACE1 (or CUP2) and <i>Candida glabrata</i> AMT1 which regulate the expression of the metallothionein genes -- <i>Yarrowia lipolytica</i> copper resistance protein CRF1. | |
| CSD | Cold shock domain -- about 70 amino acids. Binds to the CCAAT-containing Y box and the B box. Binds to cold tolerance gene promoters in bacteria. <u>Examples:</u> <i>E. coli</i> protein CS7.4 (gene cspA) which is induced in response to low temperature & <i>Bacillus subtilis</i> cold-shock proteins cspB and cspC. | |
| Ctf/nfi | Nuclear factor I (NF-I) or CCAAT box-binding transcription factor (CTF) (also known as TGGCA-binding proteins) are a family of vertebrate nuclear proteins which recognize and bind, as dimers, the palindromic DNA sequence 5'-TGGCANNNTGCCA-3'. CTF/NF-I binding sites are present in viral and cellular promoters and in the origin of DNA replication of Adenovirus type 2. | |
| Dm-domain | The DM domain is named after dsx and mab-3 -- dsx contains a single amino-terminal DM domain, whereas mab-3 contains two amino-terminal domains. The DM domain has a pattern of conserved zinc chelating residues C2H2C4. The dsx DM domain has been shown to dimerize and bind palindromic DNA. | |
| Dof | Dof proteins are a family of TFs that share a unique DNA-binding domain of ~52 aa. May form a single zinc-finger that is essential for DNA recognition. Plant specific and have various roles in the cell. Found in both monocots and dicots. | |
| DPB | Described by Mendel as the DNA-binding protein (DBP) family, a collection of miscellaneous proteins that have been functionally identified by their ability to physically bind to DNA via a DNA-binding domain. Here, includes the remorin like DNA-binding proteins. Also see TEO which describes the PCF1/2 like TFs. | TEO |
| ENBP | ENBP1 (early nodulin gene-binding protein 1), binds to an AT-rich regulatory element of psENOD12b to regulate its expression upon infection of plant root hairs by nitrogen-fixing bacteria. ENBP1 and ENBP1-like transcription factors are probably involved in general cellular processes, others than in a symbiotic context. | |
| Ets | Ets transcription factors are nuclear effectors of the Ras-MAP-kinase signaling pathway. Avian leukemia virus E26 is a replication defective retrovirus that induces a mixed erythroid/myeloid leukemia in chickens. E26 virus carries two distinct oncogenes, v-myb and v-ets. The ets portion of this oncogene is required for the induction of erythroblastosis. V-ets and c-ets-1, its cellular progenitor, have | |

| | | |
|----------------------|---|--------------|
| | been shown to be nuclear DNA-binding proteins. | |
| Fork_head | About 100 amino-acid residues, also known as the “winged helix” – present in some eukaryotic transcription factors – involved in DNA-binding. Examples: <i>Drosophila</i> forkhead (fkh), mammalian transcriptional activators HNF-3-alpha, -beta, and -gamma, human HTLF, <i>Xenopus</i> XFKH1, yeast HCM1, yeast FKH1. | |
| GATA | GATA family of transcription factors are proteins that bind to DNA sites with the consensus sequence (A/T)GATA(A/G). Contain a pair of highly similar 'zinc finger' type domains. <u>Examples:</u> GATA 1-4 are TF found in mammals; they regulate development in certain cell types by binding to the GATA promoter region of globulin genes, & others. <u>Note:</u> A similar single 'zinc finger' domain protein is involved in positive and negative nitrogen metabolism gene regulation in fungus and yeast and also <i>Neurospora crassa</i> light regulated genes. | Zinc Finger |
| Gld | A domain with limited amino acid similarity to the TEA DNA binding domain found in a number of regulatory genes from fungi, insects, and mammals. This domain is predicted to form two alpha helices with sequence similarity to two alpha helices of the TEA domain that are implicated in DNA binding. These proteins are not picked up by Pfam's TEA model. Found in some response_reg proteins. Examples: ARR, AT1; both in Arabidopsis. Golden2 in maize. | Response_reg |
| HhH | Helix-hairpin-helix motif – multiple domains found in a protein. These HhH motifs bind DNA in a non-sequence-specific manner. <u>Examples:</u> Rat pol beta, endonuclease III, AlkA, & the 5' nuclease domain of <i>Taq</i> pol I. | |
| Hist_deacetyl | Regulation of transcription is caused in part by reversibly acetylating histones on several lysine residues. Histone deacetylases catalyze the removal of the acetyl group. | |
| HLH | Helix-loop-helix domain – 40 to 50 amino acid residues. Two amphipathic helices joined by a variable length linker region that could form a loop. This 'helix-loop-helix' (HLH) domain mediates protein dimerization -- most of these proteins have an extra basic region of about 15 amino acid residues adjacent to the HLH domain which specifically binds to DNA – members of the family are referred to as basic helix-loop-helix proteins (bHLH) -- bind E boxes -- dimerization is necessary but independent of DNA binding -- proteins without basic region act as repressors since they are unable to bind DNA but do dimerize. <u>Examples:</u> Myc (oncogene), Myo (muscle differentiation), Maize anthocyanin regulatory proteins, and other cellular differentiation TFs. | bHLH |
| HMG_box | High mobility group; relatively low molecular weight non-histone components in chromatin Known to bind to nucleosomes in active chromatin – thought to be involved in chromatin formation. | |
| HMG14_17 | High mobility group. | HMG |

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| | HMG14 and HMG17 are two related proteins of about 100 amino acid residues that bind to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. These two proteins may be involved in the process that maintains transcribable genes in a unique chromatin conformation. | |
| Homeobox | Master control homeotic genes which determine body plan -- 60-residue motif -- subfamilies named for 3 <i>Drosophila</i> gene families. Play an important role in development - most are known to be sequence-specific DNA-binding transcription factors. The domain binds DNA through a helix-turn-helix (HTH) structure. -- Homeobox is a 3-element fingerprint that provides a signature for the homeobox domain of homeotic proteins. <u>Examples:</u> <i>Drosophila</i> hox proteins: antennapedia (Antp), abdominal-A (abd-A), deformed (Dfd), proboscipedia (pb), sex combs reduced (scr), and ultrabithorax (ubx) which are collectively known as the 'antennapedia' subfamily; the engrailed subfamily defined by engrailed (en) which specifies the body segmentation pattern and is required for the development of the CNS; and the paired gene subfamily. | Pou |
| Histone | Histone protein is unique to eukaryotes -- an octamer is assembled to form chromatin with 146 base pairs of DNA organized into a superhelix around a histone octamer to create a nucleosome ('beads on a string'). <u>Examples:</u> H2A, H2B, H3, & H4. | Linker histone |
| HSF_DNA-binding | Heat shock factor (HSF) is a DNA-binding protein that specifically binds heat shock promoter elements (HSE). HSF is expressed at normal temperatures but is activated by heat shock or chemical stresses. | |
| IAA | The Aux/IAA proteins were identified as a class of short-lived, nuclear localized proteins that are rapidly transcriptionally induced in response to auxin. These proteins contain four highly conserved domains (boxes I, II, III, IV)- this model covers boxes III and IV. See ARF family in this document for related proteins. | ARF |
| IBR | The IBR (In Between Ring fingers) domain is found to occur between pairs of ring fingers (Zf-C3HC4). The function of this domain is unknown. | Zf-C3HC4 |
| irf | This family of transcription factors are important in the regulation of interferons in response to infection by virus and in the regulation of interferon-inducible genes. Three of the five conserved tryptophan residues bind to DNA. | |
| K-box | K-box region is commonly found associated with SRF-type transcription factors. The K-box is a possible coiled-coil structure. Possible role in multimer formation. <u>Examples:</u> PISTILLATA (PI) gene of <i>Arabidopsis</i> causes homeotic conversion of petals to sepals and of stamens to carpels & SRF (Serum response factor) binds the serum response element. | SRF-TF/MADS |
| KRAB | The KRAB domain (or Kruppel-associated box) is present in about a third of zinc finger proteins containing C2H2 fingers. The KRAB domain is found to be involved in protein-protein | Zinc Finger proteins |

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| | interactions. | |
| LIM | Cysteine-rich domain of about 60 amino-acid residues. Generally occurs as two tandem copies in proteins – in the LIM domain, there are seven conserved cysteine residues and a histidine -- the LIM domain binds two zinc ions -- LIM does not bind DNA, rather it seems to act as interface for protein-protein interaction. <u>Examples:</u> Pollen specific protein (SF3), Mammalian zinc absorption protein, Vertebrate paxillin (cytoskeletal focal adhesion protein), Plaque adhesion protein, and several homeotic proteins. | Homeobox Zinc-finger |
| Linker_histone | Member of histone octamer – see histone. <u>Examples:</u> H1, H5 | Histone |
| MADS | See SRF-TF | |
| Myb_DNA-binding | This family contains the DNA-binding domains from the Myb proteins, as well as the SANT domain family. Retroviral oncogene v-myb, and its cellular counterpart c-myb, encode nuclear DNA-binding proteins that specifically recognize the sequence YAAC(G/T)G. <u>Examples:</u> Maize C1 protein (anthocyanin biosynthesis), Maize P protein (regulates the biosynthetic pathway of a flavonoid-derived pigment in certain floral tissues), <i>Arabidopsis</i> GL1 (required for the initiation of differentiation of leaf hair cells/ trichomes), Yeast txn & telomere length proteins. | |
| Myc N Term | Myc amino-terminal region. The myc family belongs to the basic helix-loop-helix leucine zipper class of transcription factors. Myc forms a heterodimer with Max, and this complex regulates cell growth through direct activation of genes involved in cell replication. c-Myc can also repress the transcription of specific genes. | HLH |
| NAM | The NAM (no apical meristem) family is a group of transcription factors that share a highly conserved N-terminal domain of about 150 amino acids, designated the NAC domain (NAC stands for Petunia, NAM, and Arabidopsis, ATAF1, ATAF2 and CUC2). Present in monocots and dicots. Probably have roles in the regulation of embryo and flower development. Plant specific. | |
| NAP_FAMILY | Nucleosome assembly protein (NAP) -- histone chaperone. May be involved in regulating gene expression as a result of histone accessibility. NAP-2 (human NAP clone) can interact with both core and linker histones and recombinant NAP-2 can transfer histones onto naked DNA templates. | Histone |
| P53 | The p53 tumor antigen is a protein found in increased amounts in a wide variety of transformed cells. p53 is probably involved in cell cycle regulation, and may be a trans-activator that acts to negatively regulate cellular division by controlling a set of genes required for this process. | |
| Pax | “paired box” domain -- a 124 amino-acid conserved domain -- generally located in the N-terminal section of the proteins -- function of this conserved domain is not yet known. In some of | |

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| | <p>the pax proteins, there is a homeobox domain upstream of the paired box.</p> <p>Examples: <i>Drosophila</i> segmentation pair-rule class protein paired (prd), <i>Drosophila</i> proteins Pox-meso and Pox-neuro, the PAX proteins.</p> | |
| PHD | <p>Zinc finger-like motif.</p> <p>Regulate the expression of the homeotic genes through a mechanism thought to involve some aspect of chromatin structure.</p> <p>Speculate that the PHD-fingers are protein-protein interaction domains or that they recognize a family of related targets in the nucleus such as the nucleosomal histone tails.</p> | Zinc Finger homeodomain |
| POU | <p>'POU' (pronounced 'pow') domain -- a 70 to 75 amino-acid region found upstream of a homeobox domain in some eukaryotic transcription factors. It is thought to confer high-affinity site-specific DNA-binding and to mediate cooperative protein-protein interaction on DNA.</p> <p>Examples: Oct genes (bind to immunoglobulin promoter octomer region to activate genes), Neuronal development genes, & <i>C. elegans</i> development genes</p> | Homeobox |
| Protamine_p2 | Protamine P2 can substitute for histones in the chromatin of sperm. | |
| Response_reg | This domain receives the signal from the sensor partner in bacterial two-component systems. It is usually found N-terminal to a DNA binding effector domain (e.g.GLD). | GLD |
| Rhd | <p>Conserved domain in a family of eukaryotic transcription factors with basic impact on oncogenesis, embryonic development and differentiation including immune response and acute phase reaction -- composed of two structural domains, the N-terminal region is similar to that found in P53, whereas the C terminal region is an immunoglobulin-like fold.</p> <p>Examples: NF-kappa-B, RelB, <i>Drosophila</i> Dif.</p> | |
| Runt | New family of heteromeric TFs. | |
| Scan | <p>The SCAN domain (named after SRE-ZBP, CTfin51, AW-1 and Number 18 cDNA) is found in several zf-c2h2 proteins.</p> <p>This conserved domain has been shown to be able to mediate homo- and hetero-oligomerisation.</p> | zf-c2h2 |
| SCR | <p>The Arabidopsis <i>SCARECROW</i> gene regulates an assymetric cell division essential for proper radial organization of root cell layers. It was tentatively described as a transcription factor based on the presence of homopolymeric stretches of several amino acids, the presence of a basic domain similar to that of the basic-leucine zipper family of transcription factors, and the presence of leucine heptad repeats.</p> <p>Two <i>SCARECROW</i> homologs, <i>RGA</i> and <i>GAI</i>, are involved in the gibberellin signal transduction pathway.</p> | |
| SBPB | <p>A new family of DNA binding proteins (putative transcriptional regulators) called squamosa promoter binding proteins or SBPs that potentially regulate floral transition. The SBPs possess a bipartite nuclear localization signal, a putative acidic activation domain and a so-called SBP-box DNA binding domain motif that does not show similarity to any known DNA binding motif.</p> | |

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| | rice DNA binding proteins PCF1 and PCF2. All share a predicted basic-helix-loop-helix domain, TCP, which has been shown to be required for DNA binding of PCF1 and PCF2. | |
| TFIIIS | Transcription factor S-II (TFIIIS). Necessary for efficient RNA polymerase II transcription elongation, past template-encoded pause sites. TFIIIS shows DNA-binding activity only in the presence of RNA polymerase II. Contains four cysteines that bind a zinc ion and fold in a conformation termed a 'zinc ribbon'. Examples: also includes the eukaryotic and archebacterial RNA polymerase subunits of the 15 Kd / M family, African swine fever virus protein I243L, & Vaccinia virus RNA polymerase. | |
| Trihelix | Plant specific domain involved in light response -- plant specific; not in Pfam. | |
| Transcript_fac2 | Transcription factor TFIIB repeat . | |
| WRKY | ~50-60 aa domain. Often repeated within a WRKY protein, but it may also be present as a single copy. WRKY proteins contain several general features typical of transcription factors, like putative nuclear localization signals and transcription activation domains. Founding members are ABF1 and ABF2 proteins. May be involved in regulation of sporamin and alpha-amylase genes. May also play a role in the signal transduction pathway that leads to pathogenesis-related (PR) gene activation in response to pathogens. | |
| ZF-B box | B-box zinc finger. | Zinc Finger |
| ZF-C2H2 | The first zinc finger class to be characterized -- the first pair of zinc coordinating residues are cysteines, while the second pair are histidines. A number of experimental reports have demonstrated the zinc-dependent DNA or RNA binding property of some members of this class. Examples: Mammalian transcription factors Sp1-4, Xenopus transcription factor TFIIB, & <i>Drosophila</i> Hunchback and Kruppel | Zinc Finger |
| Zf-C3HC4 | Conserved cysteine-rich domain of 40 to 60 residues (called C3HC4 zinc-finger or 'RING' finger) that binds two atoms of zinc, and is probably involved in mediating protein-protein interactions. | Zinc Finger |
| ZF-C4 | Conserved cysteine-rich DNA-binding region of some 65 residues. Almost always the DNA-binding domain of a nuclear hormone receptor. Receptors for steroid, thyroid, and retinoid hormones belong to a family of nuclear trans-acting transcriptional regulatory factors. These proteins regulate diverse biological processes such as pattern formation, cellular differentiation and homeostasis. | Zinc Finger |
| ZF-CCCH | Zinc finger | Zinc Finger |
| ZF-CCHC | A family of CCHC zinc fingers, mostly from retroviral gag proteins (nucleocapsid). Prototype structure is from HIV. Also contains members involved in eukaryotic gene regulation, such as <i>C. elegans</i> GLH-1. Structure is an 18-residue zinc finger. | Zinc Finger |
| ZF-CHC2 | CHC2 zinc finger | Zinc Finger |

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| ZF-CONSTANS | CONSTANS family zinc finger. So far only reported in plants. CONSTANS (CO) gene of <i>Arabidopsis</i> promotes flowering. Some transgenic plants containing extra copies of CO flowered earlier than wild type, suggesting that CO activity is limiting on flowering time. Double mutants were constructed containing CO and mutations affecting gibberellic acid responses, meristem identity, or phytochrome function, and their phenotypes suggested a model for the role of CO in promoting flowering. | Zinc Finger |
| Zf-C2HC | A DNA-binding zinc finger domain. Examples: human myelin transcription factor (Myt), <i>C. elegans</i> hypothetical protein F52F12.6, | |
| ZF-MYND | DNA-binding domain found in <i>Drosophila</i> DEAF-1 protein which binds to a 120 bp homeotic response element. | |
| ZN_CLUS | A cysteine-rich region that binds DNA in a zinc-dependent fashion. Found in fungal transcriptional activator proteins. It has been shown that this region forms a binuclear zinc cluster where six conserved cysteines bind two zinc cations. | |
| ZZ | New putative zinc finger in dystrophin and other proteins. Binds calmodulin. DNA-binding not yet shown. | |
| ZF-NF-X1 | Cysteine-rich sequence-specific DNA-binding protein. Interacts with the conserved X-box motif of the human major histocompatibility complex class II genes via a repeated Cys-His domain and functions as a transcriptional repressor. | Zinc Finger |

Table 2: Transcription factors from *Arabidopsis thaliana*

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|-----------------------------|-----------------------|
| 1 | ARABL1-06-Q1-B1-F3.f3 | 14-3-3(HMM:0.0091) |
| 2 | 934818.f2 | 14-3-3(HMM:0.01) |
| 3 | 905536.f1 | 14-3-3(HMM:1.2e-33) |
| 4 | LIB3176-108-P1-K1-G9.f3 | 14-3-3(HMM:1.4e-05) |
| 5 | 1152_5.R1010.f2 | 14-3-3(HMM:1.4e-62) |
| 6 | LIB3177-002-Q1-K1-C3.f2 | 14-3-3(HMM:1.6e-12) |
| 7 | 20_2.R1010.f1 | 14-3-3(HMM:1.8e-180) |
| 8 | LIB3177-044-P1-K2-G11.f1 | 14-3-3(HMM:1.9e-07) |
| 9 | 407_1.R1010.f3 | 14-3-3(HMM:1.9e-167) |
| 10 | LIB3176-102-P1-K1-B7.f1 | 14-3-3(HMM:2.3e-07) |
| 11 | jC-atXP100C251P17T7b1.f3 | 14-3-3(HMM:2.3e-39) |
| 12 | 291_1.R1010.f1 | 14-3-3(HMM:2.4e-180) |
| 13 | LIB3177-033-P1-K2-D9.f2 | 14-3-3(HMM:2.8e-24) |
| 14 | 20_3.R1010.f1 | 14-3-3(HMM:2.9e-180) |
| 15 | LIB23-037-Q1-E1-B5.f3 | 14-3-3(HMM:2e-09) |
| 16 | 148_1.R1010.f2 | 14-3-3(HMM:3.1e-177) |
| 17 | 2747674.f1 | 14-3-3(HMM:3.2e-11) |
| 18 | 20_1.R1010.f2 | 14-3-3(HMM:3.2e-181) |
| 19 | 936660.f2 | 14-3-3(HMM:3.2e-23) |
| 20 | LIB3177-009-P1-K2-E10.f1 | 14-3-3(HMM:3.3e-34) |
| 21 | 1353_1.R1010.f3 | 14-3-3(HMM:3.7e-167) |
| 22 | LIB3177-003-P1-K1-A4.f3 | 14-3-3(HMM:4.1) |
| 23 | LIB25-074-Q1-E1-C9.f1 | 14-3-3(HMM:4.1e-11) |
| 24 | 906111.f1 | 14-3-3(HMM:4.2e-09) |
| 25 | LIB24-111-Q1-E1-H3.f3 | 14-3-3(HMM:4e-17) |
| 26 | LIB3176-073-P1-K1-G8.f3 | 14-3-3(HMM:5.3e-08) |
| 27 | LIB24-100-Q1-E1-A11.f3 | 14-3-3(HMM:5.3e-25) |
| 28 | 148_2.R1010.f1 | 14-3-3(HMM:5.4e-179) |
| 29 | LIB3177-050-P1-K1-F8.f2 | 14-3-3(HMM:5.6e-05) |
| 30 | 1152_1.R1010.f2 | 14-3-3(HMM:5.6e-173) |
| 31 | jC-atXP74C225E18T7038d1.f2 | 14-3-3(HMM:5.8e-137) |
| 32 | 460364.f3 | 14-3-3(HMM:6e-10) |
| 33 | LIB3176-055-P1-K1-H3.f1 | 14-3-3(HMM:7.9e-24) |
| 34 | 1152_3.R1010.f3 | 14-3-3(HMM:8.2e-174) |
| 35 | LIB3175-053-P1-K1-F8.f2 | 14-3-3(HMM:9.7e-14) |
| 36 | LIB25-027-Q1-E1-A1.f1 | 14-3-3(HMM:9e-32) |
| 37 | 38823_1.R1010.f1 | ank(HMM:0.0012) |
| 38 | LIB3234-090-P1-K1-D9.f1 | ank(HMM:0.0014) |
| 39 | 4513_1.R1010.f1 | ank(HMM:0.035) |
| 40 | 4189_1.R1010.f3 | ank(HMM:0.041) |
| 41 | 4986_1.R1010.f2 | ank(HMM:0.068) |
| 42 | 11805_1.R1010.f3 | ank(HMM:1.1e-07) |
| 43 | LIB24-052-Q1-E1-B5.f1 | ank(HMM:1.5) |
| 44 | jC-atXLIB327401P3c07b2.f2 | ank(HMM:1.7e-10) |
| 45 | 16954_1.R1010.f3 | ank(HMM:1e-16) |
| 46 | 1643_1.R1010.f2 | ank(HMM:1e-21) |
| 47 | 2066_1.R1010.f2 | ank(HMM:1e-21) |
| 48 | 44151_1.R1010.f1 | ank(HMM:2.1e-08) |
| 49 | 16163_1.R1010.f1 | ank(HMM:2.2e-17) |
| 50 | 33294_1.R1010.f1 | ank(HMM:2.3e-08) |
| 51 | jC-atXP108C153H24T7090d1.f3 | ank(HMM:2.3e-08) |
| 52 | 2581661.f4 | ank(HMM:2.3e-10) |

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| 53 | 15542_1.R1010.f1 | ank(HMM:2.6e-07) |
| 54 | 2748147.f3 | ank(HMM:2.6e-15) |
| 55 | jC-atXP108C175O12T7093d1.f2 | ank(HMM:2.6e-17) |
| 56 | 32724_1.R1010.f1 | ank(HMM:2.7e-08) |
| 57 | 133_1.R1010.f3 | "ank(HMM:2e-07),btb(HMM:9.4e-05)" |
| 58 | 315446.f1 | ank(HMM:2e-08) |
| 59 | 1643_3.R1010.f1 | ank(HMM:2e-22) |
| 60 | 1643_4.R1010.f1 | ank(HMM:3.1e-21) |
| 61 | 4734_2.R1010.f3 | ank(HMM:3.1e-43) |
| 62 | 5462_1.R1010.f3 | ank(HMM:3.2e-07) |
| 63 | 27659_1.R1010.f3 | ank(HMM:3.6e-13) |
| 64 | 115473_1.R1010.f4 | ank(HMM:3.6e-15) |
| 65 | 1517358.f2 | ank(HMM:3.6e-22) |
| 66 | 1643_6.R1010.f2 | ank(HMM:3.6e-22) |
| 67 | 31463_1.R1010.f1 | ank(HMM:4.3e-09) |
| 68 | ARABL1-05-Q1-B1-C6.f1 | ank(HMM:4.4e-08) |
| 69 | LIB3168-082-P1-K1-G2.f5 | ank(HMM:4.5e-11) |
| 70 | 1363_1.R1010.f1 | ank(HMM:4.5e-22) |
| 71 | 8132_1.R1010.f1 | ank(HMM:5.2e-07) |
| 72 | LIB24-116-Q1-E1-B6.f1 | ank(HMM:5.4e-07) |
| 73 | 32109_1.R1010.f3 | ank(HMM:5.5e-16) |
| 74 | 496793.f2 | ank(HMM:5.6e-18) |
| 75 | LIB3176-113-P2-K1-F10.f3 | ank(HMM:5.7e-15) |
| 76 | 482_1.R1010.f2 | ank(HMM:5.8e-31) |
| 77 | 6303_1.R1010.f2 | ank(HMM:5.9e-24) |
| 78 | 24427_2.R1010.f2 | ank(HMM:6.8e-08) |
| 79 | 22643_1.R1010.f2 | ank(HMM:8.2e-29) |
| 80 | 27727_1.R1010.f3 | ank(HMM:9.3e-16) |
| 81 | 2407_1.R1010.f1 | ank(HMM:9.5e-19) |
| 82 | jC-atXP108C144I3T7089d1.f2 | ank(HMM:9.7e-12) |
| 83 | 1643_2.R1010.f3 | ank(HMM:9e-23) |
| 84 | jC-atXLIB327406P3d12b2.f1 | ap2-domain(HMM:0.00019) |
| 85 | LIB22-005-Q1-E1-B7.f1 | ap2-domain(HMM:0.0012) |
| 86 | LIB22-061-Q1-E2-F6.f2 | ap2-domain(HMM:0.0012) |
| 87 | 1217112.f2 | ap2-domain(HMM:0.0013) |
| 88 | 2042762.f3 | ap2-domain(HMM:0.0021) |
| 89 | jC-atXP123C118L9T7046d1.f6 | ap2-domain(HMM:0.0041) |
| 90 | 116780_2.R1010.f3 | ap2-domain(HMM:0.006) |
| 91 | 2218_9.R1010.f2 | ap2-domain(HMM:0.0068) |
| 92 | 957825.f1 | ap2-domain(HMM:0.02) |
| 93 | 77399_1.R1010.f1 | ap2-domain(HMM:0.021) |
| 94 | 935966.f1 | ap2-domain(HMM:0.023) |
| 95 | LIB3176-007-P1-K1-F5.f1 | ap2-domain(HMM:0.043) |
| 96 | 2048257.f2 | ap2-domain(HMM:0.26) |
| 97 | 1082066.f2 | ap2-domain(HMM:0.51) |
| 98 | 413_1.R1010.f2 | "ap2-domain(HMM:1.1e-24),arf(HMM:7.5),b3(HMM:2.2e-46)" |
| 99 | 414_1.R1010.f3 | "ap2-domain(HMM:1.1e-28),arf(HMM:5.1),b3(HMM:1.2e-46)" |
| 100 | 14576_1.R1010.f2 | ap2-domain(HMM:1.1e-35) |
| 101 | 389_1.R1010.f2 | ap2-domain(HMM:1.2e-43) |

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|-----|---------------------------|-------------------------|
| 102 | 470_7.R1010.f2 | ap2-domain(HMM:1.3e-39) |
| 103 | 9451_1.R1010.f3 | ap2-domain(HMM:1.4e-37) |
| 104 | 387_1.R1010.f2 | ap2-domain(HMM:1.4e-39) |
| 105 | 957460.f3 | ap2-domain(HMM:1.5e-05) |
| 106 | 74978_1.R1010.f3 | ap2-domain(HMM:1.5e-37) |
| 107 | LIB23-036-Q1-E1-H8.f1 | ap2-domain(HMM:1.6e-09) |
| 108 | 470_2.R1010.f3 | ap2-domain(HMM:1.7e-42) |
| 109 | 10919_1.R1010.f5 | ap2-domain(HMM:1.9e-20) |
| 110 | 36240_1.R1010.f2 | ap2-domain(HMM:1.9e-27) |
| 111 | 9415_3.R1010.f2 | ap2-domain(HMM:1.9e-36) |
| 112 | 2413138.f2 | ap2-domain(HMM:2.1e-38) |
| 113 | 388_1.R1010.f2 | ap2-domain(HMM:2.1e-39) |
| 114 | 385_1.R1010.f2 | ap2-domain(HMM:2.1e-41) |
| 115 | jC-atXP20C113D5T7033a1.f6 | ap2-domain(HMM:2.1e-41) |
| 116 | LIB3234-100-P1-K1-B11.f5 | ap2-domain(HMM:2.3e-12) |
| 117 | 116780_1.R1010.f2 | ap2-domain(HMM:2.3e-37) |
| 118 | 11322_1.R1010.f3 | ap2-domain(HMM:2.4e-19) |
| 119 | 8781_1.R1010.f3 | ap2-domain(HMM:2.4e-39) |
| 120 | 412_1.R1010.f1 | ap2-domain(HMM:2.5e-41) |
| 121 | jC-atXLIB327424P2g12b2.f1 | ap2-domain(HMM:2.7e-05) |
| 122 | 470_1.R1010.f3 | ap2-domain(HMM:2.8e-42) |
| 123 | 1364_1.R1010.f2 | ap2-domain(HMM:2.8e-63) |
| 124 | PLN_g1246402.f1 | ap2-domain(HMM:2.9e-39) |
| 125 | LIB3177-066-P1-K1-H7.f2 | ap2-domain(HMM:2e-10) |
| 126 | LIB3234-049-P1-K1-D8.f3 | ap2-domain(HMM:2e-18) |
| 127 | 2762444.f3 | ap2-domain(HMM:2e-39) |
| 128 | 77309_1.R1010.f3 | ap2-domain(HMM:3.1e-22) |
| 129 | 4590_2.R1010.f1 | ap2-domain(HMM:3.1e-42) |
| 130 | 386_1.R1010.f2 | ap2-domain(HMM:3.2e-41) |
| 131 | 386_2.R1010.f1 | ap2-domain(HMM:3.2e-41) |
| 132 | 21598_1.R1010.f2 | ap2-domain(HMM:3.4e-42) |
| 133 | 8451_1.R1010.f2 | ap2-domain(HMM:3.5e-33) |
| 134 | 7295_1.R1010.f2 | ap2-domain(HMM:3.5e-37) |
| 135 | LIB3175-035-P1-K1-G5.f5 | ap2-domain(HMM:3.8e-31) |
| 136 | 1913_1.R1010.f2 | ap2-domain(HMM:3.8e-67) |
| 137 | 15669_1.R1010.f2 | ap2-domain(HMM:3.9e-14) |
| 138 | 4979_1.R1010.f3 | ap2-domain(HMM:3.9e-30) |
| 139 | 378_1.R1010.f2 | ap2-domain(HMM:4.2e-38) |
| 140 | 1216985.f3 | ap2-domain(HMM:4.2e-41) |
| 141 | 2218_5.R1010.f2 | ap2-domain(HMM:4.2e-41) |
| 142 | 1158470.f3 | ap2-domain(HMM:4.3e-08) |
| 143 | 20544_1.R1010.f2 | ap2-domain(HMM:4.6e-39) |
| 144 | jC-atXLIB327438P1e09a1.f1 | ap2-domain(HMM:4.7e-35) |
| 145 | LIB3168-022-P1-K1-G5.f2 | ap2-domain(HMM:4.7e-40) |
| 146 | LIB3234-018-P1-K1-F10.f3 | ap2-domain(HMM:5.5) |
| 147 | 30840_1.R1010.f2 | ap2-domain(HMM:5.5e-37) |
| 148 | 7300_1.R1010.f2 | ap2-domain(HMM:5.7e-37) |
| 149 | 375_1.R1010.f3 | ap2-domain(HMM:5.8e-38) |
| 150 | 128405_1.R1010.f4 | ap2-domain(HMM:5.9) |
| 151 | PLN_g3738231.f3 | ap2-domain(HMM:5e-39) |
| 152 | 477_1.R1010.f1 | ap2-domain(HMM:6.1e-38) |
| 153 | LIB3176-113-P2-K1-C5.f2 | ap2-domain(HMM:6.2e-14) |
| 154 | 9415_2.R1010.f1 | ap2-domain(HMM:6.2e-27) |
| 155 | 935657.f3 | ap2-domain(HMM:6.3e-14) |

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| 156 | 5895_1.R1010.f2 | ap2-domain(HMM:6.5e-30) |
| 157 | PLN_g4128207.f2 | ap2-domain(HMM:6.6e-39) |
| 158 | jC-atXP100C251N4T7b1.f1 | ap2-domain(HMM:6e-31) |
| 159 | 75807_1.R1010.f3 | ap2-domain(HMM:6e-39) |
| 160 | 375_2.R1010.f2 | ap2-domain(HMM:7.7e-38) |
| 161 | 470_8.R1010.f3 | ap2-domain(HMM:7.8e-05) |
| 162 | 2597552.f3 | ap2-domain(HMM:8.2e-33) |
| 163 | PLN_g541772.f2 | ap2-domain(HMM:8.3e-41) |
| 164 | 10231_1.R1010.f2 | ap2-domain(HMM:8.7e-39) |
| 165 | 375_3.R1010.f2 | ap2-domain(HMM:8.8e-37) |
| 166 | 138198_1.R1010.f2 | ap2-domain(HMM:9.7e-35) |
| 167 | 2722927.f2 | ap2-domain(HMM:9.9e-05) |
| 168 | LIB24-015-Q1-E1-H9.f1 | "arf(HMM:0.013),iaa(HMM:4.1)" |
| 169 | LIB3168-057-P1-K1-F8.f3 | "arf(HMM:1.4e-06),b3(HMM:6e-36)" |
| 170 | 1604_1.R1010.f3 | "arf(HMM:1.4e-275),b3(HMM:4.1e-50),iaa(HMM:8.1e-37)" |
| 171 | 2121_1.R1010.f3 | "arf(HMM:1.8e-263),b3(HMM:1.1e-62)" |
| 172 | LIB24-061-Q1-E1-B8.f3 | arf(HMM:2.6e-08) |
| 173 | LIB24-016-Q1-E1-F8.f1 | arf(HMM:2.6e-12) |
| 174 | LIB24-061-Q1-E1-A11.f2 | "arf(HMM:2.9e-13),b3(HMM:1.4e-05)" |
| 175 | LIB146-023-Q1-E1-C1.f3 | arf(HMM:2.9e-27) |
| 176 | 25573_1.R1010.f2 | arf(HMM:2e-21) |
| 177 | 1665_1.R1010.f1 | "arf(HMM:3.5e-278),b3(HMM:2.5e-49),iaa(HMM:1.1e-37)" |
| 178 | 1572_1.R1010.f3 | "arf(HMM:3.7e-284),b3(HMM:1.7e-49),iaa(HMM:3.7e-39)" |
| 179 | LIB146-005-Q1-E1-D6.f1 | arf(HMM:3.7e-38) |
| 180 | jC-atXLIB327439P2d08b2.f2 | arf(HMM:5.5e-19) |
| 181 | 5161_1.R1010.f3 | arf(HMM:6.2e-05) |
| 182 | 1652_1.R1010.f2 | "arf(HMM:6.6e-277),b3(HMM:8.7e-57),iaa(HMM:7.8e-41)" |
| 183 | LIB22-009-Q1-E1-D10.f2 | "arf(HMM:6.9e-11),b3(HMM:2.3e-23)" |
| 184 | 1571_1.R1010.f2 | "arf(HMM:7.5e-277),b3(HMM:9.9e-56),iaa(HMM:1.9e-41)" |
| 185 | 2103_1.R1010.f2 | "arf(HMM:9.5e-270),b3(HMM:3.2e-61),iaa(HMM:2.4e-46)" |
| 186 | 25949_1.R1010.f1 | arid(HMM:0.45) |
| 187 | 45225_1.R1010.f1 | arid(HMM:1.3e-05) |
| 188 | LIB25-100-Q1-E1-A9.f4 | arid(HMM:1.5e-05) |
| 189 | 2759573.f1 | arid(HMM:9.5e-05) |
| 190 | jC-atXP101CE1H11T7076b1.f3 | athook(HMM:0.015) |
| 191 | LIB3176-050-P1-K1-H11.f1 | athook(HMM:0.018) |
| 192 | 2597674.f3 | athook(HMM:0.021) |

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| 193 | jC-atX22079Q1E1B12a1.f1 | b3(HMM:0.45) |
| 194 | PLN_g3582519.f3 | b3(HMM:1.6e-69) |
| 195 | 458_1.R1010.f1 | b3(HMM:5.5e-74) |
| 196 | LIB3168-086-P1-K1-G10.f4 | bah(HMM:0.0024) |
| 197 | 31695_1.R1010.f3 | bah(HMM:2.9e-21) |
| 198 | PLN_g2766712.f1 | "bah(HMM:3.4e-29),chromo(HMM:0.00019)" |
| 199 | 30519_1.R1010.f1 | bah(HMM:4.1e-08) |
| 200 | 874_1.R1010.f1 | bah(HMM:5.1e-103) |
| 201 | 1769_1.R1010.f2 | bpf-1(HMM:0) |
| 202 | 108720_1.R1010.f4 | bpf-1(HMM:1.2e-09) |
| 203 | 17063_1.R1010.f2 | bpf-1(HMM:1.9e-27) |
| 204 | 92045_1.R1010.f5 | bpf-1(HMM:5.6e-31) |
| 205 | LIB25-066-Q1-E1-H6.f3 | bpf-1(HMM:5e-19) |
| 206 | 31960_1.R1010.f3 | bromodomain(HMM:0.00075) |
| 207 | 56529_1.R1010.f1 | bromodomain(HMM:1.4e-12) |
| 208 | 1654_1.R1010.f3 | bromodomain(HMM:3.3e-32) |
| 209 | LIB3176-010-P1-K1-F5.f2 | bromodomain(HMM:4.6) |
| 210 | jC-atXLIB327414P4f03b2.f2 | bromodomain(HMM:4e-33) |
| 211 | 65236_1.R1010.f4 | bromodomain(HMM:9.1e-08) |
| 212 | LIB3234-085-Q1-K1-G6.f4 | btb(HMM:0.00012) |
| 213 | 48681_1.R1010.f2 | btb(HMM:0.0016) |
| 214 | jC-atXP31C146F3T7d2.f3 | btb(HMM:0.0022) |
| 215 | 5892_2.R1010.f1 | btb(HMM:0.0035) |
| 216 | jC-atXLIB327402P1f07b1.f3 | btb(HMM:0.01) |
| 217 | LIB25-035-Q1-E1-B3.f1 | btb(HMM:0.011) |
| 218 | LIB3177-078-P1-K1-F4.f3 | btb(HMM:0.019) |
| 219 | LIB24-072-Q1-E1-G1.f3 | btb(HMM:0.027) |
| 220 | 11482_1.R1010.f2 | btb(HMM:1.1e-05) |
| 221 | 7245_1.R1010.f3 | btb(HMM:2e-12) |
| 222 | 29152_2.R1010.f2 | btb(HMM:3.1e-19) |
| 223 | 2545_1.R1010.f3 | btb(HMM:3.7e-17) |
| 224 | 28612_1.R1010.f1 | btb(HMM:3e-08) |
| 225 | LIB3234-043-P1-K1-C12.f3 | btb(HMM:4.1) |
| 226 | 68549_2.R1010.f5 | btb(HMM:4.2e-16) |
| 227 | 5877_2.R1010.f3 | btb(HMM:4.3e-10) |
| 228 | LIB25-113-Q1-E1-F12.f3 | btb(HMM:4.6e-06) |
| 229 | 9824_1.R1010.f2 | bzip(HMM:0.00027) |
| 230 | PLN_g903687.f1 | bzip(HMM:0.00076) |
| 231 | 11510_1.R1010.f2 | bzip(HMM:0.0011) |
| 232 | PLN_g414614.f3 | bzip(HMM:0.0013) |
| 233 | 742_1.R1010.f3 | bzip(HMM:0.0026) |
| 234 | PLN_g304112.f1 | bzip(HMM:0.0047) |
| 235 | 5714_2.R1010.f2 | bzip(HMM:0.013) |
| 236 | 78339_1.R1010.f3 | bzip(HMM:1.1e-09) |
| 237 | 123173_1.R1010.f3 | bzip(HMM:1.2e-08) |
| 238 | 1572_2.R1010.f4 | bzip(HMM:1.5e-10) |
| 239 | 75128_1.R1010.f6 | bzip(HMM:1.6e-05) |
| 240 | 26232_1.R1010.f3 | bzip(HMM:1.6e-14) |
| 241 | jC-atX25035Q1E1D03a1.f4 | bzip(HMM:1.7e-05) |
| 242 | 61046_1.R1010.f3 | bzip(HMM:1.9e-11) |
| 243 | 29897_1.R1010.f3 | bzip(HMM:2.1e-13) |
| 244 | 12984_1.R1010.f1 | bzip(HMM:2.6e-12) |
| 245 | 1054_1.R1010.f1 | bzip(HMM:3.2e-05) |

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| 246 | LIB3177-079-P1-K1-A10.f3 | bzip(HMM:3.3e-09) |
| 247 | 1476_1.R1010.f3 | bzip(HMM:3.3e-15) |
| 248 | 76_1.R1010.f2 | bzip(HMM:3.3e-15) |
| 249 | 550266.f1 | bzip(HMM:3.3e-22) |
| 250 | 641_1.R1010.f3 | bzip(HMM:3.3e-22) |
| 251 | 23422_1.R1010.f3 | bzip(HMM:3.8e-14) |
| 252 | 11113_1.R1010.f1 | bzip(HMM:4.5e-16) |
| 253 | 363_1.R1010.f3 | bzip(HMM:4.9e-17) |
| 254 | 1251_1.R1010.f2 | bzip(HMM:4e-05) |
| 255 | 2733320.f1 | bzip(HMM:4e-05) |
| 256 | LIB3234-037-P1-K1-B12.f3 | bzip(HMM:4e-07) |
| 257 | 12984_2.R1010.f3 | bzip(HMM:5.1e-12) |
| 258 | 120237_1.R1010.f1 | bzip(HMM:5.6e-14) |
| 259 | 640_1.R1010.f1 | bzip(HMM:5.6e-21) |
| 260 | 639_1.R1010.f1 | bzip(HMM:5.8e-24) |
| 261 | 70681_1.R1010.f2 | bzip(HMM:6.2e-09) |
| 262 | 5890_1.R1010.f1 | bzip(HMM:6e-12) |
| 263 | 5714_1.R1010.f1 | bzip(HMM:8.4e-12) |
| 264 | jC-atXLIB327408P4a12b1.f3 | bzip(HMM:9.3e-07) |
| 265 | 30010_1.R1010.f1 | bzip(HMM:9.5e-06) |
| 266 | 24151_1.R1010.f2 | "cbfd_nfyb_hmf(HMM:0.053),hi stone(HMM:1e-50)" |
| 267 | 24151_2.R1010.f2 | "cbfd_nfyb_hmf(HMM:0.053),hi stone(HMM:4.1e-50)" |
| 268 | 9295_1.R1010.f2 | "cbfd_nfyb_hmf(HMM:0.074),hi stone(HMM:3.1e-47)" |
| 269 | LIB3176-111-P1-K1-D7.f1 | "cbfd_nfyb_hmf(HMM:0.078),hi stone(HMM:4e-49)" |
| 270 | 751_1.R1010.f1 | cbfd_nfyb_hmf(HMM:1.2e-23) |
| 271 | 750_1.R1010.f1 | cbfd_nfyb_hmf(HMM:1.3e-21) |
| 272 | 750_2.R1010.f2 | cbfd_nfyb_hmf(HMM:1.3e-21) |
| 273 | 17669_1.R1010.f2 | cbfd_nfyb_hmf(HMM:1.6e-29) |
| 274 | 748_1.R1010.f1 | cbfd_nfyb_hmf(HMM:1e-37) |
| 275 | 749_1.R1010.f3 | cbfd_nfyb_hmf(HMM:4.9e-39) |
| 276 | 54638_1.R1010.f3 | cbfd_nfyb_hmf(HMM:5.7e-22) |
| 277 | 818_1.R1010.f1 | cbfd_nfyb_hmf(HMM:6.3e-30) |
| 278 | LIB3176-087-P1-K1-A8.f3 | cbfd_nfyb_hmf(HMM:6e-09) |
| 279 | 4774_1.R1010.f2 | cbfd_nfyb_hmf(HMM:8e-23) |
| 280 | LIB22-030-Q1-E1-F4.f2 | chromo(HMM:0.00065) |
| 281 | 8344_1.R1010.f1 | chromo(HMM:4.6e-19) |
| 282 | 1537_1.R1010.f3 | "csd(HMM:1.3e-21),zf- cchc(HMM:2.2e-14)" |
| 283 | 38643_1.R1010.f1 | csd(HMM:3.2e-19) |
| 284 | 1360_1.R1010.f1 | "csd(HMM:4.5e-22),zf- cchc(HMM:2.2e-14)" |
| 285 | 905705.f3 | csd(HMM:5.3e-21) |
| 286 | 22291_1.R1010.f2 | csd(HMM:6.8e-23) |
| 287 | jC-atXLIB327425P3h08b1.f3 | dof(HMM:0.13) |
| 288 | LIB3175-077-P1-K1-C12.f3 | dof(HMM:0.64) |
| 289 | jC-atXLIB327417P2a09b1.f3 | dof(HMM:1.2e-35) |
| 290 | 424_1.R1010.f2 | dof(HMM:1.2e-36).f |
| 291 | 16909_1.R1010.f1 | dof(HMM:1.4e-33) |
| 292 | jC-atXLIB327410P4h02a1.f3 | dof(HMM:1.4e-34) |
| 293 | PLN_g33386547.f1 | dof(HMM:1.4e-34) |

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| 294 | 425_1.R1010.f3 | dof(HMM:1.6e-36) |
| 295 | 45689_1.R1010.f3 | dof(HMM:1.9e-34) |
| 296 | 4477_2.R1010.f2 | dof(HMM:1.9e-35) |
| 297 | PLN_g1212758.f2 | dof(HMM:2.2e-36) |
| 298 | 63890_1.R1010.f2 | dof(HMM:2.3e-35) |
| 299 | 1800_1.R1010.f2 | dof(HMM:3.2e-35) |
| 300 | 43095_1.R1010.f3 | dof(HMM:3.5e-32) |
| 301 | 8932_1.R1010.f1 | dof(HMM:3.6e-35) |
| 302 | 1054280.f4 | dof(HMM:4.3e-35) |
| 303 | 541_2.R1010.f2 | dof(HMM:4.3e-36) |
| 304 | 541_4.R1010.f2 | dof(HMM:4.3e-36) |
| 305 | 931090.f3 | dof(HMM:4.6e-32) |
| 306 | 100709_1.R1010.f3 | dof(HMM:4.6e-36) |
| 307 | LIB22-068-Q1-E1-C6.f1 | dof(HMM:5.1) |
| 308 | 21243_1.R1010.f1 | dof(HMM:5.1e-11) |
| 309 | 13728_1.R1010.f1 | dof(HMM:6.4e-33) |
| 310 | 5321_1.R1010.f3 | dof(HMM:6.9e-36) |
| 311 | 43095_2.R1010.f2 | dof(HMM:8.2e-32) |
| 312 | 2763897.f2 | dof(HMM:8.8e-29) |
| 313 | LIB3234-033-P1-K1-A2.f4 | dpb(HMM:0.00035) |
| 314 | 397339.f3 | dpb(HMM:0.024) |
| 315 | 11557_3.R1010.f3 | dpb(HMM:1.5e-12) |
| 316 | 234_1.R1010.f2 | dpb(HMM:1.9e-92) |
| 317 | 52206_1.R1010.f1 | dpb(HMM:2.1e-66) |
| 318 | jC-atXLIB327408P4a09b1.f3 | dpb(HMM:2.7e-62) |
| 319 | 2581633.f5 | dpb(HMM:3.2e-41) |
| 320 | LIB3175-060-P1-K1-A12.f1 | dpb(HMM:3.3e-32) |
| 321 | 52206_2.R1010.f1 | dpb(HMM:3.6e-18) |
| 322 | 75516_1.R1010.f6 | dpb(HMM:4.5e-09) |
| 323 | 11557_1.R1010.f2 | dpb(HMM:5.6e-79) |
| 324 | LIB3168-079-P1-K1-G7.f4 | enbp(HMM:1.1e-13) |
| 325 | 2445996.f2 | enbp(HMM:1.9e-10) |
| 326 | 958145.f2 | enbp(HMM:4.6e-06) |
| 327 | 5646_1.R1010.f1 | gata(HMM:0.016) |
| 328 | 82345_1.R1010.f6 | gata(HMM:0.023) |
| 329 | 1457_1.R1010.f3 | gata(HMM:1.1e-14) |
| 330 | 1517312.f3 | gata(HMM:1.1e-14) |
| 331 | 1455_1.R1010.f1 | gata(HMM:1.4e-14) |
| 332 | 1454_1.R1010.f3 | gata(HMM:1.7e-16) |
| 333 | 6981_1.R1010.f2 | gata(HMM:2.2e-08) |
| 334 | 8123_1.R1010.f1 | gata(HMM:2.2e-15) |
| 335 | 1456_1.R1010.f1 | gata(HMM:3.3e-15) |
| 336 | 61173_2.R1010.f1 | gata(HMM:3.9e-14) |
| 337 | jC-atXP102CE2F7T7b1.f6 | gld-tea(HMM:0.00099) |
| 338 | 25183_1.R1010.f1 | gld-tea(HMM:1.1e-30) |
| 339 | 28489_1.R1010.f3 | gld-tea(HMM:1.1e-36) |
| 340 | 118662_1.R1010.f2 | gld-tea(HMM:1.7e-16) |
| 341 | 487_1.R1010.f3 | "gld-tea(HMM:1e-41),response_reg(HMM:7.4e-35)" |
| 342 | 27775_1.R1010.f3 | gld-tea(HMM:2.1e-29) |
| 343 | PLN_g3549642.f1 | "gld-tea(HMM:2.3e-24),response_reg(HMM:3.3e-18)" |

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| 344 | 934014.f2 | gld-tea(HMM:2.3e-31) |
| 345 | 18366_1.R1010.f3 | gld-tea(HMM:2.3e-32) |
| 346 | 22389_1.R1010.f1 | gld-tea(HMM:2.4e-30) |
| 347 | 2759436.f2 | gld-tea(HMM:2.6) |
| 348 | 634463.f2 | gld-tea(HMM:2.6e-30) |
| 349 | LIB22-078-Q1-E1-G2.f3 | gld-tea(HMM:3.3e-41) |
| 350 | 52617_1.R1010.f1 | gld-tea(HMM:5.4e-37) |
| 351 | LIB24-005-Q1-E1-F2.f2 | gld-tea(HMM:5.8e-06) |
| 352 | 266_1.R1010.f1 | "gld-tea(HMM:6.1e-43),response_reg(HMM:5.3e-34)" |
| 353 | 1401_1.R1010.f2 | gld-tea(HMM:6.4e-38) |
| 354 | 21599_1.R1010.f1 | gld-tea(HMM:8.2e-07) |
| 355 | 26342_1.R1010.f3 | gld-tea(HMM:8.4e-23) |
| 356 | 30703_1.R1010.f1 | gld-tea(HMM:8.5e-28) |
| 357 | LIB3176-021-P1-K1-G10.f1 | gld-tea(HMM:8.7e-10) |
| 358 | 34019_1.R1010.f2 | gld-tea(HMM:8.8e-38) |
| 359 | PLN_g3549640.f3 | "gld-tea(HMM:8.8e-38),response_reg(HMM:3.8e-38)" |
| 360 | jC-atXP86CG9E6T7d2.f3 | "gld-tea(HMM:8.9e-19),response_reg(HMM:8.4e-36)" |
| 361 | 102479_1.R1010.f1 | gld-tea(HMM:9.2e-17) |
| 362 | LIB3176-085-P1-K1-E8.f3 | hist_deacetyl(HMM:0.00075) |
| 363 | 78223_1.R1010.f4 | hist_deacetyl(HMM:0.0019) |
| 364 | jC-atXP118C145L23092d2.f1 | hist_deacetyl(HMM:0.012) |
| 365 | 2764107.f3 | hist_deacetyl(HMM:0.25) |
| 366 | 17470_1.R1010.f2 | hist_deacetyl(HMM:1.4e-35) |
| 367 | 6666_1.R1010.f2 | hist_deacetyl(HMM:1.6e-16) |
| 368 | 35178_1.R1010.f3 | hist_deacetyl(HMM:1.7e-11) |
| 369 | 1576_1.R1010.f2 | hist_deacetyl(HMM:4.5e-181) |
| 370 | LIB3234-041-P1-K1-H9.f3 | hist_deacetyl(HMM:7.7e-12) |
| 371 | 18274_1.R1010.f1 | hist_deacetyl(HMM:8.2e-18) |
| 372 | jC-aLIB327434P1h10a1.f5 | hist_deacetyl(HMM:9.3e-16) |
| 373 | 2758327.f1 | histone(HMM:0.0002) |
| 374 | jC-aIX24124Q1E1H01b1.f3 | histone(HMM:0.00055) |
| 375 | jC-atX25021Q1E1G06a1.f5 | histone(HMM:0.003) |
| 376 | LIB3176-119-P2-K1-D9.f2 | histone(HMM:0.0039) |
| 377 | 2733927.f2 | histone(HMM:0.026) |
| 378 | LIB24-135-Q1-E1-G8.f1 | histone(HMM:0.05) |
| 379 | jC-atXLIB327420P2a07a2.f4 | histone(HMM:0.064) |
| 380 | 2597368.f1 | histone(HMM:0.084) |
| 381 | jC-atXLIB327429P4a06b2.f3 | histone(HMM:0.7) |
| 382 | 16709.f3 | histone(HMM:0.85) |
| 383 | 27124_3.R1010.f1 | histone(HMM:1.1) |
| 384 | 936530.f1 | histone(HMM:1.1) |
| 385 | 716_5.R1010.f2 | histone(HMM:1.1e-46) |
| 386 | LIB25-044-Q1-E1-B10.f1 | histone(HMM:1.2) |
| 387 | 22083_3.R1010.f3 | histone(HMM:1.2e-16) |
| 388 | LIB3175-017-P1-K1-E3.f3 | histone(HMM:1.2e-24) |
| 389 | 2612_1.R1010.f3 | histone(HMM:1.2e-43) |
| 390 | LIB3177-019-P1-K2-B11.f2 | histone(HMM:1.3e-07) |
| 391 | 715_1.R1010.f1 | histone(HMM:1.3e-43) |

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| 392 | 68_1.R1010.f3 | histone(HMM:1.3e-46) |
| 393 | 7751_1.R1010.f2 | histone(HMM:1.3e-46) |
| 394 | 716_2.R1010.f2 | histone(HMM:1.4e-31) |
| 395 | 8542_4.R1010.f2 | histone(HMM:1.4e-34) |
| 396 | 8542_2.R1010.f3 | histone(HMM:1.5e-12) |
| 397 | 1053603.f3 | histone(HMM:1.6e-27) |
| 398 | 11560_1.R1010.f3 | histone(HMM:1e-18) |
| 399 | 13777_1.R1010.f1 | histone(HMM:1e-18) |
| 400 | 13777_2.R1010.f2 | histone(HMM:1e-18) |
| 401 | 22083_1.R1010.f3 | histone(HMM:1e-18) |
| 402 | 22083_2.R1010.f1 | histone(HMM:1e-18) |
| 403 | 22083_4.R1010.f1 | histone(HMM:1e-18) |
| 404 | LIB3176-057-P1-K1-D11.f1 | histone(HMM:1e-46) |
| 405 | 716_3.R1010.f3 | histone(HMM:1e-48) |
| 406 | jC-atXP15C106F1T7014a1.f5 | histone(HMM:1e-48) |
| 407 | 10163_3.R1010.f1 | histone(HMM:2.1e-29) |
| 408 | LIB24-095-Q1-E1-F3.f3 | histone(HMM:2.3e-07) |
| 409 | 68_6.R1010.f3 | histone(HMM:2.4e-28) |
| 410 | 11215_1.R1010.f3 | histone(HMM:2.5e-42) |
| 411 | 716_1.R1010.f2 | histone(HMM:2.5e-48) |
| 412 | jC-atXLIB327420P2a03a2.f6 | histone(HMM:2.8e-08) |
| 413 | LIB3176-038-P1-K1-A3.f3 | histone(HMM:2.8e-40) |
| 414 | LIB3175-021-P1-K1-D3.f1 | histone(HMM:3.2e-24) |
| 415 | LIB3176-027-P1-K1-F11.f2 | histone(HMM:3.8e-46) |
| 416 | 862_1.R1010.f1 | histone(HMM:3.9e-39) |
| 417 | 1217149.f2 | histone(HMM:3e-27) |
| 418 | LIB3176-118-P2-K1-B11.f1 | histone(HMM:3e-39) |
| 419 | LIB25-036-Q1-E1-B4.f3 | histone(HMM:4.2e-14) |
| 420 | LIB25-057-Q1-E1-E3.f2 | histone(HMM:4.2e-14) |
| 421 | jC-atXLIB327427P4b02a2.f5 | histone(HMM:4.7e-14) |
| 422 | 77_6.R1010.f1 | histone(HMM:4.8e-47) |
| 423 | 8542_1.R1010.f3 | histone(HMM:4.8e-47) |
| 424 | 8542_3.R1010.f2 | histone(HMM:4.8e-47) |
| 425 | jC-atXLIB327407P1a06b2.f3 | histone(HMM:4.9e-05) |
| 426 | 68_5.R1010.f2 | histone(HMM:4e-22) |
| 427 | LIB3175-015-P1-K1-E7.f3 | histone(HMM:5.1e-15) |
| 428 | LIB25-102-Q1-E1-G8.f1 | histone(HMM:5.1e-17) |
| 429 | 716_6.R1010.f2 | histone(HMM:5.1e-45) |
| 430 | 27124_4.R1010.f3 | histone(HMM:5.3e-13) |
| 431 | LIB3177-013-P1-K2-F8.f3 | histone(HMM:5.3e-19) |
| 432 | 8397_1.R1010.f1 | histone(HMM:5.3e-52) |
| 433 | LIB25-104-Q1-E1-C11.f3 | histone(HMM:5.4e-08) |
| 434 | LIB3177-019-P1-K1-B5.f2 | histone(HMM:5.8) |
| 435 | 10163_1.R1010.f3 | histone(HMM:5.8e-50) |
| 436 | LIB24-125-Q1-E1-F5.f3 | histone(HMM:6.1e-05) |
| 437 | LIB3175-033-P1-K1-A2.f1 | histone(HMM:6.2e-14) |
| 438 | 17255_1.R1010.f3 | histone(HMM:6.5e-37) |
| 439 | jC-atXP96CH2D3T7b1.f1 | histone(HMM:6.9e-44) |
| 440 | LIB3176-033-P1-K1-B1.f1 | histone(HMM:7.3e-25) |
| 441 | 153419_1.R1010.f3 | histone(HMM:7.6e-35) |
| 442 | LIB3168-032-P1-K1-D3.f6 | histone(HMM:7.8e-14) |
| 443 | 13669_1.R1010.f3 | histone(HMM:8.2e-07) |
| 444 | 716_4.R1010.f2 | histone(HMM:8.3e-26) |
| 445 | 2733879.f3 | histone(HMM:8.4e-11) |

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| 446 | LIB3177-096-P1-K1-A8.f2 | histone(HMM:8.8e-19) |
| 447 | 27124_1.R1010.f3 | histone(HMM:9.5e-50) |
| 448 | 2758283.f1 | histone(HMM:9.7e-13) |
| 449 | 31420_1.R1010.f3 | hlh(HMM:0.0018) |
| 450 | LIB3176-112-P1-K1-G6.f1 | hlh(HMM:0.0038) |
| 451 | jC-atXB810f2.f5 | hlh(HMM:0.0055) |
| 452 | 17198_1.R1010.f2 | hlh(HMM:0.008) |
| 453 | 87116_1.R1010.f4 | hlh(HMM:0.013) |
| 454 | 117793_1.R1010.f1 | hlh(HMM:0.019) |
| 455 | 119888_1.R1010.f1 | hlh(HMM:0.025) |
| 456 | 71697_1.R1010.f3 | hlh(HMM:0.04) |
| 457 | 116704_1.R1010.f3 | hlh(HMM:0.048) |
| 458 | jC-atXP104CE10B1T7b1.f3 | hlh(HMM:0.08) |
| 459 | LIB24-109-Q1-E1-B3.f2 | hlh(HMM:0.092) |
| 460 | 35834_1.R1010.f3 | hlh(HMM:0.13) |
| 461 | 20469_1.R1010.f2 | hlh(HMM:1.1e-07) |
| 462 | 6545_1.R1010.f2 | hlh(HMM:1.2e-12) |
| 463 | 72703_1.R1010.f1 | hlh(HMM:1.2e-14) |
| 464 | 27829_1.R1010.f3 | hlh(HMM:1.3e-09) |
| 465 | 46829_2.R1010.f1 | hlh(HMM:1.5e-07) |
| 466 | 33631_1.R1010.f2 | hlh(HMM:2.3e-07) |
| 467 | 53493_1.R1010.f2 | hlh(HMM:2.3e-12) |
| 468 | 4019_2.R1010.f2 | hlh(HMM:2.6e-05) |
| 469 | 11026_1.R1010.f1 | hlh(HMM:2.7e-13) |
| 470 | 10361_1.R1010.f3 | hlh(HMM:2.8e-06) |
| 471 | 34071_1.R1010.f1 | hlh(HMM:3.1e-09) |
| 472 | 115339_1.R1010.f3 | hlh(HMM:3.5e-09) |
| 473 | 115339_2.R1010.f2 | hlh(HMM:3.5e-09) |
| 474 | 1520719.f2 | hlh(HMM:3.5e-09) |
| 475 | 1622_1.R1010.f1 | hlh(HMM:3.5e-15) |
| 476 | 38578_1.R1010.f6 | hlh(HMM:3.7e-09) |
| 477 | LIB24-131-Q1-E1-G6.f1 | hlh(HMM:3e-07) |
| 478 | 349_1.R1010.f1 | hlh(HMM:4.4e-15) |
| 479 | 634586.f2 | hlh(HMM:6.7e-15) |
| 480 | 4766_1.R1010.f3 | hlh(HMM:7.1e-06) |
| 481 | 4019_3.R1010.f2 | hlh(HMM:7.3e-07) |
| 482 | ARABL1-044-Q1-E1-D5.f4 | hlh(HMM:7.8e-05) |
| 483 | jC-atXP123C118M3T7086a1.f4 | hlh(HMM:7.9e-12) |
| 484 | LIB3234-048-P1-K1-B10.f3 | hlh(HMM:7e-05) |
| 485 | 1828_1.R1010.f1 | hlh(HMM:8.7e-17) |
| 486 | 32520_1.R1010.f1 | hlh(HMM:8.8e-10) |
| 487 | jC-atXB810a2.f5 | hlh(HMM:9.3) |
| 488 | 501883.f5 | hlh(HMM:9.7) |
| 489 | 80254_1.R1010.f4 | hmg_box(HMM:0.0019) |
| 490 | jC-aIXLIB327436P3d04b1.f2 | hmg_box(HMM:0.0021) |
| 491 | jC-atXP26C128I4T7007a1.f6 | hmg_box(HMM:0.0023) |
| 492 | jC-atXP26C126I14T7089a1.f6 | hmg_box(HMM:0.0031) |
| 493 | jC-atXP53C184I7T7093d1.f2 | hmg_box(HMM:0.0039) |
| 494 | LIB3176-115-P2-K1-H1.f1 | hmg_box(HMM:0.0078) |
| 495 | jC-atXP26C126F19T7049a1.f6 | hmg_box(HMM:0.015) |
| 496 | 16353_1.R1010.f1 | hmg_box(HMM:0.016) |
| 497 | 879_1.R1010.f3 | hmg_box(HMM:1.1e-25) |
| 498 | 876_10.R1010.f2 | hmg_box(HMM:1.2e-17) |
| 499 | jC-atXP26C128L23T7016a1.f4 | hmg_box(HMM:1.6e-09) |

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| 542 | 524_2.R1010.f2 | homeobox(HMM:2.9e-11) |
| 543 | 12540_1.R1010.f1 | homeobox(HMM:2e-15) |
| 544 | 1517240.f2 | homeobox(HMM:3.4e-14) |
| 545 | 787_6.R1010.f1 | homeobox(HMM:3.5e-19) |
| 546 | PLN_g16333.f1 | homeobox(HMM:3.5e-19) |
| 547 | PLN_g16325.f1 | "homeobox(HMM:4.2e-05),phd(HMM:5.4e-14)" |
| 548 | 786_5.R1010.f2 | homeobox(HMM:4.2e-11) |
| 549 | 9463_1.R1010.f1 | homeobox(HMM:4.3e-13) |
| 550 | 307_1.R1010.f1 | homeobox(HMM:4.3e-15) |
| 551 | 525_1.R1010.f3 | homeobox(HMM:4.6e-18) |
| 552 | 6707_1.R1010.f3 | homeobox(HMM:4.7) |
| 553 | 524_1.R1010.f3 | homeobox(HMM:4.8e-19) |
| 554 | 69_1.R1010.f2 | homeobox(HMM:4e-16) |
| 555 | PLN_g16178.f1 | homeobox(HMM:4e-16) |
| 556 | 1433_1.R1010.f1 | homeobox(HMM:5.1e-20) |
| 557 | 306_1.R1010.f1 | homeobox(HMM:5.5e-15) |
| 558 | 305_1.R1010.f2 | homeobox(HMM:6.4e-15) |
| 559 | 63323_1.R1010.f1 | homeobox(HMM:7.7e-18) |
| 560 | 786_3.R1010.f1 | homeobox(HMM:7.8e-16) |
| 561 | jC-atXP112C132D23T7a1.f4 | homeobox(HMM:8.7e-14) |
| 562 | 2759253.f6 | hsf_dna-bind(HMM:0.28) |
| 563 | 2996_1.R1010.f2 | hsf_dna-bind(HMM:1.1e-22) |
| 564 | 944_1.R1010.f1 | hsf_dna-bind(HMM:1.2e-65) |
| 565 | 119770_1.R1010.f1 | hsf_dna-bind(HMM:1.5e-39) |
| 566 | jC-atXP124C125H21T7d1.f6 | hsf_dna-bind(HMM:1.6e-11) |
| 567 | 13823_1.R1010.f3 | hsf_dna-bind(HMM:1e-36) |
| 568 | 268_1.R1010.f1 | hsf_dna-bind(HMM:2.6e-98) |
| 569 | PLN_g3256067.f1 | hsf_dna-bind(HMM:3.3e-89) |
| 570 | 5332_1.R1010.f3 | hsf_dna-bind(HMM:6.4e-39) |
| 571 | 30824_1.R1010.f2 | hsf_dna-bind(HMM:8.1e-52) |
| 572 | 957701.f2 | hsf_dna-bind(HMM:9.9e-06) |
| 573 | 32489_1.R1010.f3 | hsf_dna-bind(HMM:9e-12) |
| 574 | 11068_1.R1010.f2 | iaa(HMM:0.0001) |
| 575 | 67079_1.R1010.f5 | iaa(HMM:0.00017) |
| 576 | jC-atXP66C210I12T7005a1.f4 | iaa(HMM:0.0002) |
| 577 | 2122_2.R1010.f2 | iaa(HMM:0.00027) |
| 578 | jC-atXLIB327433P2a08a1.f6 | iaa(HMM:0.00032) |
| 579 | 18819_1.R1010.f1 | iaa(HMM:0.00095) |
| 580 | 80560_1.R1010.f4 | iaa(HMM:0.0062) |
| 581 | 4542_1.R1010.f3 | iaa(HMM:0.034) |
| 582 | 2581617.f6 | iaa(HMM:0.041) |
| 583 | ARABL1-027-Q1-B1-E5.f1 | iaa(HMM:0.068) |
| 584 | 623623.f5 | iaa(HMM:0.083) |
| 585 | 1829_1.R1010.f2 | iaa(HMM:1.1e-51) |
| 586 | 25194_1.R1010.f2 | iaa(HMM:1.2e-08) |
| 587 | 183_2.R1010.f3 | iaa(HMM:1.4e-54) |
| 588 | LIB3177-097-P1-K1-D6.f3 | iaa(HMM:1.5e-15) |
| 589 | 1980_1.R1010.f3 | iaa(HMM:1.5e-69) |
| 590 | 123277_1.R1010.f1 | iaa(HMM:1.6e-19) |
| 591 | 1827_1.R1010.f2 | iaa(HMM:1.6e-68) |
| 592 | PLN_g16198.f1 | iaa(HMM:1.7e-51) |
| 593 | LIB3176-041-P1-K1-A5.f3 | iaa(HMM:1.9e-15) |
| 594 | 2122_1.R1010.f3 | iaa(HMM:1e-45) |

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| 595 | jC-atXLIB327412P4c02b1.f3 | iaa(HMM:1e-45) |
| 596 | 45287_1.R1010.f1 | iaa(HMM:1e-51) |
| 597 | jC-atXP4C88I23T7076a1.f6 | iaa(HMM:2.1e-28) |
| 598 | PLN_g972932.f1 | iaa(HMM:2.6e-09) |
| 599 | 2581664.f6 | iaa(HMM:3.1e-21) |
| 600 | 78392_1.R1010.f4 | iaa(HMM:3.1e-61) |
| 601 | jC-atXLIB327411P1f02a1.f5 | iaa(HMM:3.4e-44) |
| 602 | 183_3.R1010.f1 | iaa(HMM:3.4e-58) |
| 603 | 25194_2.R1010.f3 | iaa(HMM:3.5e-45) |
| 604 | jC-atXP60C198O12T7040d1.f1 | iaa(HMM:4.3e-12) |
| 605 | 59298_1.R1010.f3 | iaa(HMM:4.4e-18) |
| 606 | 61018_1.R1010.f1 | iaa(HMM:4.7e-07) |
| 607 | jC-atXP71C222G9T7s2.f5 | iaa(HMM:6.1e-05) |
| 608 | 23678_1.R1010.f2 | iaa(HMM:6.9e-69) |
| 609 | 210_1.R1010.f3 | iaa(HMM:6e-65) |
| 610 | 54_1.R1010.f2 | iaa(HMM:7.1e-61) |
| 611 | jC-atXLIB327414P2b04a1.f4 | iaa(HMM:7.7e-05) |
| 612 | 8884_1.R1010.f3 | iaa(HMM:9.3e-66) |
| 613 | LIB3177-048-P1-K1-C12.f1 | iaa(HMM:9.8e-10) |
| 614 | LIB24-080-Q1-E1-D11.f1 | ibr(HMM:6.6e-05) |
| 615 | 906045.f2 | k-box(HMM:0.0013) |
| 616 | 906457.f1 | "k-box(HMM:0.0081),srf- tf(HMM:2.5e-16)" |
| 617 | 103229_2.R1010.f5 | k-box(HMM:1.3e-23) |
| 618 | PLN_g3719214.f3 | "k-box(HMM:1.3e-23),srf- tf(HMM:5.9e-34)" |
| 619 | PLN_g1737494.f1 | "k-box(HMM:1.5e-32),srf- tf(HMM:1.7e-37)" |
| 620 | 1917_1.R1010.f3 | "k-box(HMM:1.5e-37),srf- tf(HMM:1.3e-37)" |
| 621 | jC-atX22033Q1E2A09a1.f4 | k-box(HMM:1.6) |
| 622 | 1583_1.R1010.f1 | "k-box(HMM:1.6e-39),srf- tf(HMM:7.5e-38)" |
| 623 | 508_1.R1010.f2 | "k-box(HMM:1.6e-42),srf- tf(HMM:8.5e-37)" |
| 624 | 738_1.R1010.f2 | "k-box(HMM:1.7e-41),srf- tf(HMM:7.5e-38)" |
| 625 | 740_3.R1010.f3 | "k-box(HMM:1.8e-06),srf- tf(HMM:5.1e-36)" |
| 626 | PLN_g1019924.f2 | "k-box(HMM:1.9e-38),srf- tf(HMM:2.9e-38)" |
| 627 | 871_1.R1010.f2 | "k-box(HMM:1e-28),srf- tf(HMM:1.1e-33)" |
| 628 | 752_1.R1010.f2 | "k-box(HMM:1e-28),srf- tf(HMM:2.4e-37)" |
| 629 | 740_2.R1010.f2 | "k-box(HMM:2.1e-15),srf- tf(HMM:5.1e-36)" |
| 630 | 8965_1.R1010.f2 | "k-box(HMM:2.2e-13),srf- tf(HMM:7.6e-36)" |
| 631 | 1351_1.R1010.f3 | "k-box(HMM:3.4e-41),srf- tf(HMM:2.8e-37)" |
| 632 | 906325.f3 | k-box(HMM:3.6e-18) |
| 633 | PLN_g862641.f2 | "k-box(HMM:3.6e-32),srf- tf(HMM:1.8e-35)" |

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| 634 | 2747387.f1 | "k-box(HMM:4.5),srf- tf(HMM:1.1e-33)" |
| 635 | 1216678.f1 | k-box(HMM:5.1e-15) |
| 636 | 1871_1.R1010.f2 | "k-box(HMM:5.2e-11),srf- tf(HMM:5.1e-32)" |
| 637 | 740_1.R1010.f1 | "k-box(HMM:5.6e-43),srf- tf(HMM:5.6e-36)" |
| 638 | 1919_1.R1010.f1 | "k-box(HMM:5e-24),srf- tf(HMM:2.6e-32)" |
| 639 | 2747374.f1 | "k-box(HMM:6.2),srf- tf(HMM:5e-37)" |
| 640 | 504_1.R1010.f1 | "k-box(HMM:6.7e-25),srf- tf(HMM:5.5e-36)" |
| 641 | 119869_1.R1010.f2 | k-box(HMM:6.9e-06) |
| 642 | jC-atXLIB327408P1d08b1.f3 | "k-box(HMM:6.9e-15),srf- tf(HMM:8.1e-35)" |
| 643 | 739_1.R1010.f2 | "k-box(HMM:7.7e-40),srf- tf(HMM:1.1e-37)" |
| 644 | 8965_3.R1010.f2 | k-box(HMM:8.5e-13) |
| 645 | 97662_1.R1010.f5 | lim(HMM:0.0017) |
| 646 | 1167_2.R1010.f3 | lim(HMM:0.063) |
| 647 | 32106_1.R1010.f2 | lim(HMM:0.092) |
| 648 | 13793_1.R1010.f1 | lim(HMM:1.5e-33) |
| 649 | 32106_2.R1010.f3 | lim(HMM:1.7e-16) |
| 650 | 50585_1.R1010.f2 | lim(HMM:1.8e-16) |
| 651 | LIB3176-036-P1-K1-E4.f3 | lim(HMM:2.2e-10) |
| 652 | 1167_3.R1010.f3 | lim(HMM:2.5e-15) |
| 653 | 19353_2.R1010.f1 | lim(HMM:3.3e-14).f |
| 654 | LIB22-059-Q1-E1-H4.f2 | lim(HMM:3.4) |
| 655 | 6243_1.R1010.f2 | lim(HMM:4.1e-35) |
| 656 | 1167_1.R1010.f2 | lim(HMM:8.3e-35) |
| 657 | 2763256.f1 | linker_histone(HMM:0.00034) |
| 658 | LIB3176-036-P1-K1-H7.f3 | linker_histone(HMM:0.00078) |
| 659 | 11718_17.R1010.f1 | linker_histone(HMM:0.006) |
| 660 | 697_2.R1010.f2 | linker_histone(HMM:0.01) |
| 661 | 17727_3.R1010.f2 | linker_histone(HMM:1.6e-06) |
| 662 | 935999.f3 | linker_histone(HMM:1.6e-28) |
| 663 | 17727_2.R1010.f1 | linker_histone(HMM:1.8e-10) |
| 664 | 4256_1.R1010.f3 | linker_histone(HMM:3.3e-22) |
| 665 | 67_1.R1010.f2 | linker_histone(HMM:3.3e-37) |
| 666 | 127_1.R1010.f2 | linker_histone(HMM:3e-22) |
| 667 | 697_1.R1010.f3 | linker_histone(HMM:4e-35) |
| 668 | jC-atXLIB327426P2e12b1.f1 | linker_histone(HMM:5.5e-24) |
| 669 | jC-atXP79C238C1T7d2.f1 | linker_histone(HMM:6.3e-15) |
| 670 | 128_1.R1010.f3 | linker_histone(HMM:7.8e-29) |
| 671 | 128_3.R1010.f2 | linker_histone(HMM:7.8e-29) |
| 672 | 398632.f3 | myb_dna- binding(HMM:0.00026) |
| 673 | 19696_1.R1010.f3 | myb_dna- binding(HMM:0.00029) |
| 674 | LIB23-041-Q1-E1-G1.f2 | myb_dna- binding(HMM:0.00031) |
| 675 | 51036_2.R1010.f2 | myb_dna- binding(HMM:0.00038) |

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| 676 | LIB3175-043-P1-K1-A3.f1 | myb_dna-binding(HMM:0.00042) |
| 677 | 6718_1.R1010.f1 | myb_dna-binding(HMM:0.00053) |
| 678 | 29160_1.R1010.f3 | myb_dna-binding(HMM:0.00094) |
| 679 | LIB23-003-Q1-E1-C10.f2 | myb_dna-binding(HMM:0.0012) |
| 680 | 22627_1.R1010.f3 | myb_dna-binding(HMM:0.0013) |
| 681 | 16833.f4 | myb_dna-binding(HMM:0.0015) |
| 682 | 118469_1.R1010.f3 | myb_dna-binding(HMM:0.0021) |
| 683 | 2764125.f2 | myb_dna-binding(HMM:0.0025) |
| 684 | 19235_1.R1010.f3 | myb_dna-binding(HMM:0.0028) |
| 685 | LIB3168-051-P1-K1-E4.f6 | myb_dna-binding(HMM:0.0082) |
| 686 | 116942_1.R1010.f2 | myb_dna-binding(HMM:0.027) |
| 687 | LIB3175-034-P1-K1-A12.f5 | myb_dna-binding(HMM:0.054) |
| 688 | 59403_2.R1010.f3 | myb_dna-binding(HMM:0.063) |
| 689 | 70528_1.R1010.f1 | myb_dna-binding(HMM:0.14) |
| 690 | LIB146-030-Q1-K1-B6.f5 | myb_dna-binding(HMM:0.14) |
| 691 | 906292.f2 | myb_dna-binding(HMM:0.65) |
| 692 | 338_2.R1010.f1 | myb_dna-binding(HMM:0.85) |
| 693 | 2748969.f2 | myb_dna-binding(HMM:0.87) |
| 694 | PLN_g1495252.f1 | myb_dna-binding(HMM:1.1e-46) |
| 695 | LIB23-037-Q1-E1-H11.f1 | myb_dna-binding(HMM:1.2e-18) |
| 696 | PLN_g455462.f1 | myb_dna-binding(HMM:1.2e-39) |
| 697 | PLN_g217858.f1 | myb_dna-binding(HMM:1.2e-41) |
| 698 | PLN_g1254994.f1 | myb_dna-binding(HMM:1.3e-41) |
| 699 | 21100_1.R1010.f2 | myb_dna-binding(HMM:1.3e-42) |
| 700 | 337_1.R1010.f1 | myb_dna-binding(HMM:1.3e-44) |
| 701 | 339_1.R1010.f2 | myb_dna-binding(HMM:1.3e-44) |
| 702 | LIB3168-071-P1-K1-C6.f2 | myb_dna-binding(HMM:1.4e-09) |
| 703 | 22848_1.R1010.f1 | myb_dna-binding(HMM:1.4e-18) |
| 704 | 7193_1.R1010.f2 | myb_dna-binding(HMM:1.5) |
| 705 | 1751_1.R1010.f2 | myb_dna-binding(HMM:1.5e-37) |
| 706 | 96_1.R1010.f1 | myb_dna-binding(HMM:1.5e-44) |
| 707 | 338_1.R1010.f3 | myb_dna-binding(HMM:1.5e-45) |
| 708 | PLN_g3941471.f3 | myb_dna-binding(HMM:1.6e-38) |
| 709 | 125583_2.R1010.f5 | myb_dna-binding(HMM:1.7) |
| 710 | jC-atXN563193a2.f2 | myb_dna-binding(HMM:1.7) |
| 711 | 117090_1.R1010.f1 | myb_dna-binding(HMM:1.8e-17) |
| 712 | 1749_1.R1010.f2 | myb_dna-binding(HMM:1.8e-35) |
| 713 | 33812_1.R1010.f3 | myb_dna-binding(HMM:1.8e-37) |
| 714 | 21524_1.R1010.f1 | myb_dna-binding(HMM:1.9e-30) |
| 715 | 1740_1.R1010.f1 | myb_dna-binding(HMM:1.9e-40) |
| 716 | LIB22-001-Q1-E1-G3.f2 | myb_dna-binding(HMM:2.1e-06) |
| 717 | 10288_1.R1010.f3 | myb_dna-binding(HMM:2.1e-11) |
| 718 | 1748_1.R1010.f3 | myb_dna-binding(HMM:2.2e-43) |
| 719 | 368_1.R1010.f1 | myb_dna-binding(HMM:2.2e-43) |
| 720 | 25441_1.R1010.f2 | myb_dna-binding(HMM:2.2e-45) |
| 721 | PLN_g1263092.f1 | myb_dna-binding(HMM:2.2e-45) |
| 722 | 2763242.f1 | myb_dna-binding(HMM:2.3e-16) |
| 723 | PLN_g3941435.f1 | myb_dna-binding(HMM:2.3e-39) |
| 724 | 1753_1.R1010.f3 | myb_dna-binding(HMM:2.4e-44) |
| 725 | 6889_1.R1010.f3 | myb_dna-binding(HMM:2.5e-09) |
| 726 | 494_1.R1010.f2 | myb_dna-binding(HMM:2.5e-11) |

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| 727 | PLN_g1732512.f3 | myb_dna-binding(HMM:2.5e-42) |
| 728 | 1752_1.R1010.f2 | myb_dna-binding(HMM:2.5e-45) |
| 729 | 1750_1.R1010.f2 | myb_dna-binding(HMM:2.6e-38) |
| 730 | 1744_1.R1010.f3 | myb_dna-binding(HMM:2.6e-41) |
| 731 | 8478_1.R1010.f3 | myb_dna-binding(HMM:2.7e-09) |
| 732 | 17177_1.R1010.f3 | myb_dna-binding(HMM:2.7e-31) |
| 733 | LIB3177-091-P1-K1-F4.f2 | myb_dna-binding(HMM:2.9e-26) |
| 734 | LIB3177-078-P1-K1-F8.f2 | myb_dna-binding(HMM:2.9e-32) |
| 735 | 19235_2.R1010.f1 | myb_dna-binding(HMM:2e-05) |
| 736 | 367_2.R1010.f2 | myb_dna-binding(HMM:3.1e-05) |
| 737 | PLN_g2280527.f1 | myb_dna-binding(HMM:3.2e-42) |
| 738 | 725_1.R1010.f3 | myb_dna-binding(HMM:3.2e-44) |
| 739 | 7193_2.R1010.f2 | myb_dna-binding(HMM:3.4e-43) |
| 740 | 1033_1.R1010.f1 | myb_dna-binding(HMM:3.7e-41) |
| 741 | 1338_1.R1010.f1 | myb_dna-binding(HMM:3.8e-11) |
| 742 | LIB24-006-Q1-E1-A2.f2 | myb_dna-binding(HMM:3.8e-21) |
| 743 | 1023_1.R1010.f1 | myb_dna-binding(HMM:4.3e-44) |
| 744 | 1737_1.R1010.f1 | myb_dna-binding(HMM:4.8e-47) |
| 745 | 1743_1.R1010.f3 | myb_dna-binding(HMM:4.9e-36) |
| 746 | PLN_g3941467.f3 | myb_dna-binding(HMM:5.1e-36) |
| 747 | 1333_1.R1010.f3 | myb_dna-binding(HMM:5.1e-46) |
| 748 | 1738_1.R1010.f3 | myb_dna-binding(HMM:5.1e-46) |
| 749 | 9038_1.R1010.f3 | myb_dna-binding(HMM:5.3e-12) |
| 750 | 1034_1.R1010.f1 | myb_dna-binding(HMM:5.4e-16) |
| 751 | 225_1.R1010.f3 | myb_dna-binding(HMM:5.6e-42) |
| 752 | 1486_1.R1010.f3 | myb_dna-binding(HMM:5.8e-31) |
| 753 | 936051.f1 | myb_dna-binding(HMM:5.9e-14) |
| 754 | PLN_g2832407.f1 | myb_dna-binding(HMM:6.1e-35) |
| 755 | 1032_1.R1010.f2 | myb_dna-binding(HMM:6.3e-42) |
| 756 | PLN_g2346965.f1 | myb_dna-binding(HMM:6e-05) |
| 757 | LIB3175-046-P1-K1-B10.f2 | myb_dna-binding(HMM:6e-22) |
| 758 | 2757484.f2 | myb_dna-binding(HMM:7.1e-18) |
| 759 | 1772_2.R1010.f4 | myb_dna-binding(HMM:7.1e-47) |
| 760 | 1738_2.R1010.f3 | myb_dna-binding(HMM:7.6e-34) |
| 761 | 10057_1.R1010.f3 | myb_dna-binding(HMM:7e-10) |
| 762 | 8189_1.R1010.f3 | myb_dna-binding(HMM:7e-20) |
| 763 | 43001_1.R1010.f1 | myb_dna-binding(HMM:8.3e-10) |
| 764 | 10057_3.R1010.f3 | myb_dna-binding(HMM:8.6e-10) |
| 765 | 335_1.R1010.f1 | myb_dna-binding(HMM:8.8e-42) |
| 766 | 1747_1.R1010.f1 | myb_dna-binding(HMM:8.9e-42) |
| 767 | 1739_1.R1010.f1 | myb_dna-binding(HMM:9.5e-44) |
| 768 | 1750_2.R1010.f1 | myb_dna-binding(HMM:9.6e-08) |
| 769 | LIB3175-061-P1-K1-F8.f2 | nam(HMM:0.0021) |
| 770 | jC-atXLIB327424P1g06b2.f1 | nam(HMM:0.0048) |
| 771 | 398614.f1 | nam(HMM:0.04) |
| 772 | jC-atXLIB327430P1e05b1.f1 | nam(HMM:0.37) |
| 773 | LIB3175-076-P1-K1-B2.f1 | nam(HMM:0.88) |
| 774 | 623015.f1 | nam(HMM:1.1e-05) |
| 775 | 12650_4.R1010.f2 | nam(HMM:1.1e-07) |
| 776 | 2596320.f2 | nam(HMM:1.1e-15) |
| 777 | 8647_2.R1010.f2 | nam(HMM:1.1e-35) |
| 778 | 6414_1.R1010.f1 | nam(HMM:1.1e-78) |
| 779 | LIB3234-050-P1-K1-F8.f6 | nam(HMM:1.2e-09) |
| 780 | LIB3234-059-P1-K1-G11.f2 | nam(HMM:1.2e-22) |

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| 781 | 958017.f1 | nam(HMM:1.2e-26) |
| 782 | 71466_1.R1010.f1 | nam(HMM:1.3e-17) |
| 783 | 933621.f2 | nam(HMM:1.3e-26) |
| 784 | 6010_1.R1010.f3 | nam(HMM:1.3e-80) |
| 785 | 120288_1.R1010.f1 | nam(HMM:1.4e-78) |
| 786 | LIB22-002-Q1-E1-D6.f2 | nam(HMM:1.5e-21) |
| 787 | LIB35-056-Q1-E2-B9.f2 | nam(HMM:1.5e-47) |
| 788 | 16313_1.R1010.f2 | nam(HMM:1.7e-05) |
| 789 | 455_1.R1010.f1 | nam(HMM:1.7e-82) |
| 790 | 2758682.f1 | nam(HMM:1.8e-34) |
| 791 | 28833_1.R1010.f3 | nam(HMM:1.9e-82) |
| 792 | LIB3176-085-P1-K1-E10.f1 | nam(HMM:2.1e-10) |
| 793 | LIB23-062-Q1-E1-C10.f1 | nam(HMM:2.1e-23) |
| 794 | 12650_1.R1010.f3 | nam(HMM:2.1e-79) |
| 795 | LIB3168-082-P1-K1-A8.f1 | nam(HMM:2.3e-81) |
| 796 | ARABL1-033-Q1-B1-G2.f1 | nam(HMM:2.4e-58) |
| 797 | LIB23-027-Q1-E1-F3.f2 | nam(HMM:2.5e-05) |
| 798 | LIB24-107-Q1-E1-D7.f2 | nam(HMM:2.6e-07) |
| 799 | 135_1.R1010.f1 | nam(HMM:2.6e-91) |
| 800 | 54574_1.R1010.f1 | nam(HMM:2.7e-81) |
| 801 | LIB23-066-Q1-E1-B1.f1 | nam(HMM:2.8e-33) |
| 802 | 957497.f3 | nam(HMM:2.8e-59) |
| 803 | 23543_1.R1010.f3 | nam(HMM:2e-12) |
| 804 | 521_1.R1010.f3 | nam(HMM:2e-85) |
| 805 | 17791_1.R1010.f3 | nam(HMM:3.1e-63) |
| 806 | 3089_1.R1010.f2 | nam(HMM:3.1e-89) |
| 807 | 24699_1.R1010.f3 | nam(HMM:3.4e-16) |
| 808 | 19379_1.R1010.f3 | nam(HMM:3.6e-50) |
| 809 | 1033258.f2 | nam(HMM:3e-07) |
| 809 | 1033258.f2 | nam(HMM:3e-07) |
| 810 | 30659_1.R1010.f3 | nam(HMM:4.1e-10) |
| 811 | jC-atXP123C117E1T7036d1.f6 | nam(HMM:4.2e-13) |
| 812 | 12539_1.R1010.f2 | nam(HMM:4.4e-26) |
| 813 | 2762247.f1 | nam(HMM:4.5e-07) |
| 814 | jC-atXLIB327408P1d11b1.f1 | nam(HMM:4.5e-59) |
| 815 | 200_1.R1010.f1 | nam(HMM:4.5e-90) |
| 816 | ARABL1-045-Q1-B1-E8.f1 | nam(HMM:4.7e-26) |
| 817 | LIB3175-027-P1-K1-B12.f1 | nam(HMM:4.9e-29) |
| 818 | 76966_1.R1010.f1 | nam(HMM:5.2e-09) |
| 819 | 12365_1.R1010.f1 | nam(HMM:5.2e-22) |
| 820 | 4281_1.R1010.f3 | nam(HMM:5.7e-40) |
| 821 | 273_1.R1010.f3 | nam(HMM:6.1e-91) |
| 822 | 5370_1.R1010.f1 | nam(HMM:6.2e-16) |
| 823 | LIB35-028-Q1-E1-B12.f3 | nam(HMM:6.7e-06) |
| 824 | 29965_1.R1010.f3 | nam(HMM:6.7e-59) |
| 825 | LIB3168-083-P1-K1-F5.f2 | nam(HMM:6.9e-06) |
| 826 | 34649_1.R1010.f2 | nam(HMM:7.3e-10) |
| 827 | 12405_1.R1010.f1 | nam(HMM:7.5e-10) |
| 828 | LIB24-045-Q1-E1-H6.f1 | nam(HMM:7.7e-29) |
| 829 | jC-atXLIB327424P3f06b1.f3 | nam(HMM:7.8) |
| 830 | 33543_1.R1010.f1 | nam(HMM:7e-84) |
| 831 | LIB3176-106-P1-K1-E2.f1 | nam(HMM:8.3e-10) |
| 832 | LIB22-002-Q1-E1-E9.f2 | nam(HMM:8.7e-11) |
| 833 | 18292_1.R1010.f3 | nam(HMM:8.8e-86) |

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| 834 | 2047367.f1 | nam(HMM:9.2e-64) |
| 834 | 2047367.f1 | nam(HMM:9.2e-64) |
| 835 | LIB3177-007-P1-K1-E7.f2 | nap_family(HMM:0.0014) |
| 836 | 30951_1.R1010.f2 | nap_family(HMM:0.0067) |
| 837 | 906184.f1 | nap_family(HMM:0.023) |
| 838 | LIB3176-036-P1-K1-A6.f1 | nap_family(HMM:0.065) |
| 839 | jC-atXP62C203C3T7022a1.f6 | nap_family(HMM:1.1e-05) |
| 840 | LIB3177-005-P1-K1-B6.f1 | nap_family(HMM:1.4e-05) |
| 841 | LIB3175-004-P1-K1-E9.f1 | nap_family(HMM:2.6e-06) |
| 842 | 4462_1.R1010.f3 | nap_family(HMM:3.1e-13) |
| 843 | 2798_1.R1010.f2 | nap_family(HMM:3e-07) |
| 844 | 8405_1.R1010.f3 | nap_family(HMM:4.4e-09) |
| 845 | jC-atX22045Q1E1C02b1.f1 | nap_family(HMM:5.3e-15) |
| 846 | 21195_1.R1010.f3 | nap_family(HMM:5.6e-37) |
| 847 | LIB3177-021-P1-K2-A7.f1 | nap_family(HMM:5.8e-16) |
| 848 | 2852_2.R1010.f1 | nap_family(HMM:7.9e-103) |
| 849 | LIB3168-067-P1-K1-F5.f2 | phd(HMM:0.013) |
| 850 | 1620_1.R1010.f1 | phd(HMM:0.015) |
| 851 | 57640_1.R1010.f2 | phd(HMM:0.02) |
| 852 | 1619_1.R1010.f1 | phd(HMM:0.1) |
| 853 | 129014_1.R1010.f3 | phd(HMM:0.34) |
| 854 | LIB3234-096-P1-K1-C2.f3 | phd(HMM:0.47) |
| 855 | LIB23-021-Q2-E1-C12.f3 | phd(HMM:1.1e-06) |
| 856 | 95652_1.R1010.f5 | phd(HMM:1.5e-08) |
| 857 | LIB22-063-Q1-E1-C9.f3 | phd(HMM:1.6e-12) |
| 858 | LIB3168-006-P1-K1-E7.f2 | phd(HMM:2e-15) |
| 859 | jC-atXL1044Q1E1G11a1.f6 | phd(HMM:3.4e-13) |
| 860 | jC-atXP60C197M21T7027a1.f4 | phd(HMM:3.5e-09) |
| 861 | LIB3177-015-P1-K2-B1.f2 | phd(HMM:3.7e-05) |
| 862 | 157847_1.R1010.f2 | phd(HMM:5.8e-09) |
| 863 | 103629_1.R1010.f5 | phd(HMM:7.5e-08) |
| 864 | 2538_1.R1010.f2 | phd(HMM:7e-12) |
| 865 | 2538_3.R1010.f3 | phd(HMM:7e-12) |
| 866 | jC-atXP44C171F7T7024a1.f4 | phd(HMM:7e-12) |
| 867 | LIB23-031-Q1-E1-G5.f2 | phd(HMM:9e-05) |
| 868 | LIB3175-033-P1-K1-E1.f1 | response_reg(HMM:0.00012) |
| 869 | LIB3177-016-P1-K1-C5.f3 | response_reg(HMM:0.00074) |
| 870 | LIB3177-020-P1-K1-E2.f3 | response_reg(HMM:1.2) |
| 871 | LIB3176-028-P1-K1-A2.f1 | response_reg(HMM:1.2e-13) |
| 872 | 244_1.R1010.f1 | response_reg(HMM:1.2e-23) |
| 873 | 393_1.R1010.f3 | response_reg(HMM:1.3e-26) |
| 874 | 2413769.f2 | response_reg(HMM:1.5e-06) |
| 875 | 403_2.R1010.f1 | response_reg(HMM:1.5e-28) |
| 876 | 1327644.f3 | response_reg(HMM:1.7e-09) |
| 877 | 2748920.f2 | response_reg(HMM:1.8e-16) |
| 878 | 395_1.R1010.f1 | response_reg(HMM:1.8e-27) |
| 879 | 7957_1.R1010.f1 | response_reg(HMM:1.8e-27) |
| 880 | 21872_1.R1010.f2 | response_reg(HMM:3.1e-32) |
| 881 | 403_1.R1010.f1 | response_reg(HMM:3.5e-29) |
| 882 | 21672_1.R1010.f2 | response_reg(HMM:3.8e-06) |
| 883 | PLN_g3953604.f1 | response_reg(HMM:3e-10) |
| 884 | PLN_g1679802.f1 | response_reg(HMM:4.1e-28) |
| 885 | 256_1.R1010.f3 | response_reg(HMM:4.4e-26) |
| 886 | 262_1.R1010.f1 | response_reg(HMM:4.4e-32) |

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| 887 | PLN_g3953594.f2 | response_reg(HMM:4.7e-26) |
| 888 | LIB3175-052-P1-K1-F4.f1 | response_reg(HMM:5e-32) |
| 889 | jC-atXP96CH2D6T7b1.f3 | response_reg(HMM:6.1e-27) |
| 890 | 391_1.R1010.f1 | response_reg(HMM:8.2e-27) |
| 891 | jC-atXP29C138J22T7047d1.f2 | response_reg(HMM:8.8e-21) |
| 892 | 8195_1.R1010.f3 | sbpb(HMM:0.0021) |
| 893 | 22477_2.R1010.f3 | sbpb(HMM:0.0031) |
| 894 | 735947.f3 | sbpb(HMM:0.22) |
| 895 | 22477_1.R1010.f2 | sbpb(HMM:1.2e-42) |
| 896 | 6824_1.R1010.f1 | sbpb(HMM:4.5e-45) |
| 897 | 1224_1.R1010.f1 | sbpb(HMM:4.8e-46).f |
| 898 | LIB22-030-Q1-E1-F1.f2 | sbpb(HMM:7.4e-46) |
| 899 | 394856.f3 | sbpb(HMM:8e-07) |
| 900 | 1158768.f3 | sbpb(HMM:9.5e-45) |
| 901 | LIB3176-024-P1-K1-G3.f1 | scr(HMM:0.00023) |
| 902 | 10912_3.R1010.f4 | scr(HMM:0.0014) |
| 903 | LIB3168-058-P1-K1-F3.f1 | scr(HMM:0.0031) |
| 904 | 68978_1.R1010.f6 | scr(HMM:0.01) |
| 905 | jC-atXN38694a1.f4 | scr(HMM:0.03) |
| 906 | 99356_1.R1010.f4 | scr(HMM:1.1e-06) |
| 907 | 81940_1.R1010.f5 | scr(HMM:1.1e-14) |
| 908 | 34737_1.R1010.f3 | scr(HMM:1.2e-17) |
| 909 | 115765_1.R1010.f2 | scr(HMM:1.3e-05) |
| 910 | 11140_1.R1010.f6 | scr(HMM:1.3e-09) |
| 911 | jC-atXLIB327416P2g07a1.f6 | scr(HMM:1.4e-09) |
| 912 | LIB22-025-Q1-E1-A1.f2 | scr(HMM:1.4e-23) |
| 913 | 139933_1.R1010.f1 | scr(HMM:1.4e-31) |
| 914 | jC-atXLIB327419P1g05a2.f6 | scr(HMM:1.5e-06) |
| 915 | 6888_1.R1010.f3 | scr(HMM:1.6e-09) |
| 916 | 1156_1.R1010.f1 | scr(HMM:1.7e-185) |
| 917 | 222_1.R1010.f2 | scr(HMM:1.8e-185) |
| 918 | LIB3177-036-P1-K1-E3.f2 | scr(HMM:1.9e-05) |
| 919 | 1155_2.R1010.f3 | scr(HMM:1.9e-18) |
| 920 | 111122_1.R1010.f4 | scr(HMM:2.5e-12) |
| 921 | 6443_2.R1010.f2 | scr(HMM:2.8e-118) |
| 922 | 5003_1.R1010.f1 | scr(HMM:2e-15) |
| 923 | jC-alXLIB327434P1g12b1.f1 | scr(HMM:2e-40) |
| 924 | jC-atXLIB327408P2a09a1.f6 | scr(HMM:3.3e-05) |
| 925 | 36525_1.R1010.f3 | scr(HMM:3e-08) |
| 926 | LIB3168-028-P1-K1-B4.f6 | scr(HMM:4.2e-05) |
| 927 | 586965.f1 | scr(HMM:4.2e-12) |
| 928 | 19298_1.R1010.f1 | scr(HMM:4.5e-11) |
| 929 | 51773_1.R1010.f2 | scr(HMM:4.6e-05) |
| 930 | LIB24-005-Q1-E1-G12.f3 | scr(HMM:5.4e-09) |
| 931 | 33892_1.R1010.f1 | scr(HMM:5.6e-06) |
| 932 | 6443_1.R1010.f1 | scr(HMM:6.3e-06) |
| 933 | 59776_1.R1010.f2 | scr(HMM:7.1e-07) |
| 934 | 39_1.R1010.f1 | scr(HMM:7.4e-171) |
| 935 | 87448_1.R1010.f5 | scr(HMM:7.6e-15) |
| 936 | jC-atX22069Q1E1B01a1.f5 | scr(HMM:7.8e-36) |
| 937 | 88702_1.R1010.f1 | scr(HMM:8.3e-29) |
| 938 | 1155_1.R1010.f1 | scr(HMM:9.2e-188) |
| 939 | LIB3177-080-P1-K1-G7.f2 | set(HMM:0.0021) |
| 940 | 16791.f5 | set(HMM:0.0036) |

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| 941 | jC-atXP32C147O24T7d2.f3 | set(HMM:0.0065) |
| 942 | 119988_1.R1010.f2 | set(HMM:1e-23) |
| 943 | 20908_1.R1010.f2 | set(HMM:2.6e-45) |
| 944 | PLN_g3089624.f2 | set(HMM:4.1e-55) |
| 945 | 1852_1.R1010.f2 | set(HMM:4.9e-56) |
| 946 | 590_1.R1010.f1 | set(HMM:5.4e-57) |
| 947 | 5387_1.R1010.f1 | set(HMM:7.1e-08) |
| 948 | LIB3234-004-P1-K1-F1.f2 | set(HMM:9.1e-07) |
| 949 | 1932_1.R1010.f2 | snf2_n(HMM:0.1) |
| 950 | LIB22-063-Q1-E1-C6.f1 | snf2_n(HMM:0.13) |
| 951 | 7289_1.R1010.f1 | snf2_n(HMM:0.2) |
| 952 | 3933_1.R1010.f2 | snf2_n(HMM:0.97) |
| 953 | 117341_1.R1010.f3 | snf2_n(HMM:1.1e-08) |
| 954 | 1328354.f4 | snf2_n(HMM:1.6e-12) |
| 955 | LIB24-048-Q1-E1-G10.f3 | snf2_n(HMM:1e-16) |
| 956 | LIB24-085-Q1-E1-D12.f2 | snf2_n(HMM:1e-20) |
| 957 | 1328372.f3 | snf2_n(HMM:2.3e-26) |
| 958 | LIB3234-006-P1-K1-H1.f1 | snf2_n(HMM:3.1e-11) |
| 959 | LIB23-012-Q1-E1-G1.f2 | snf2_n(HMM:3e-11) |
| 960 | LIB24-019-Q1-E1-H9.f5 | snf2_n(HMM:4.9e-11) |
| 961 | 28253_1.R1010.f1 | srf-tf(HMM:1.1e-31) |
| 962 | 5431_1.R1010.f2 | srf-tf(HMM:1.1e-34) |
| 963 | jC-atXLIB327403P3h07b1.f1 | srf-tf(HMM:1.4e-07) |
| 964 | LIB25-111-Q1-E1-C9.f2 | srf-tf(HMM:1.5e-07) |
| 965 | LIB3177-085-P1-K1-G5.f3 | srf-tf(HMM:2.9e-35) |
| 966 | 14225_2.R1010.f1 | srf-tf(HMM:2e-29) |
| 967 | 14225_3.R1010.f2 | srf-tf(HMM:2e-29) |
| 968 | 30922_1.R1010.f2 | srf-tf(HMM:3.3e-36) |
| 969 | jC-aIX24119Q1E1A11b1.f2 | srf-tf(HMM:3e-10) |
| 970 | 2733904.f3 | srf-tf(HMM:4.6e-23) |
| 971 | 30922_2.R1010.f3 | srf-tf(HMM:4.9e-07) |
| 972 | LIB24-045-Q1-E1-F2.f3 | srf-tf(HMM:5.2e-05) |
| 973 | 26694_1.R1010.f2 | srf-tf(HMM:5.5e-18) |
| 974 | 4714014.f3 | srf-tf(HMM:6.1e-13) |
| 975 | LIB25-016-Q1-E1-F11.f1 | srf-tf(HMM:7.5e-38) |
| 976 | 26442_1.R1010.f2 | srf-tf(HMM:9.8e-33) |
| 977 | jC-atXP96C249I5T7b1.f2 | tbp(HMM:1.2e-38) |
| 978 | 1249_2.R1010.f3 | tbp(HMM:1.5e-81) |
| 979 | 1249_1.R1010.f1 | tbp(HMM:1.9e-80) |
| 980 | LIB3234-033-P1-K1-H1.f1 | teo(HMM:0.0019) |
| 981 | jC-atXP86CG9F1T7b1.f3 | teo(HMM:0.0043) |
| 982 | jC-atXP86CG9F1T7d2.f2 | teo(HMM:0.006) |
| 983 | 1768_1.R1010.f1 | teo(HMM:1.5e-41) |
| 984 | jC-atXLIB327414P2c10a1.f3 | teo(HMM:1.6e-25) |
| 985 | LIB3234-095-P1-K1-H10.f3 | teo(HMM:1.9e-17) |
| 986 | 14761_1.R1010.f3 | teo(HMM:2.1e-36) |
| 987 | 2763426.f3 | teo(HMM:2.3e-16) |
| 988 | 46854_1.R1010.f3 | teo(HMM:2.4e-19) |
| 989 | 16107_1.R1010.f3 | teo(HMM:3.1e-11) |
| 990 | 33449_1.R1010.f3 | teo(HMM:3.1e-38) |
| 991 | 27952_1.R1010.f1 | teo(HMM:3.5e-36) |
| 992 | 8400_2.R1010.f1 | teo(HMM:4.1e-10) |
| 993 | 36908_1.R1010.f1 | teo(HMM:6.2e-44) |
| 994 | 7511_1.R1010.f2 | teo(HMM:7.3e-36) |

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| 995 | 7171_1.R1010.f1 | teo(HMM:8.2e-33) |
| 996 | 16530_1.R1010.f1 | teo(HMM:9.7e-36) |
| 997 | 2413898.f1 | tfiis(HMM:0.015) |
| 998 | LIB23-027-Q1-E1-E11.f3 | tfiis(HMM:3.6e-06) |
| 999 | 1343_2.R1010.f1 | transcript_fac2(HMM:0.1) |
| 1000 | 35455_1.R1010.f2 | transcript_fac2(HMM:0.28) |
| 1001 | 1343_1.R1010.f1 | transcript_fac2(HMM:3.1e-57) |
| 1002 | 1271_1.R1010.f3 | transcript_fac2(HMM:4.1e-59) |
| 1003 | jC-atX22014Q1E1C12a1.f6 | trihelix(HMM:0.0014) |
| 1004 | 103841_1.R1010.f6 | trihelix(HMM:0.0024) |
| 1005 | 2393630.f4 | trihelix(HMM:0.0031) |
| 1006 | 78762_1.R1010.f4 | trihelix(HMM:0.028) |
| 1007 | jC-atXLIB327418P1a10b1.f3 | trihelix(HMM:0.88) |
| 1008 | 189_1.R1010.f1 | trihelix(HMM:1.2e-118) |
| 1009 | LIB146-020-Q1-E1-E3.f1 | trihelix(HMM:1.2e-12) |
| 1010 | 852_1.R1010.f1 | trihelix(HMM:1.6e-56) |
| 1011 | 191_1.R1010.f1 | trihelix(HMM:2.3e-120) |
| 1012 | 24518_1.R1010.f2 | trihelix(HMM:2.6e-07) |
| 1013 | LIB24-135-Q1-E1-H4.f1 | trihelix(HMM:3.4e-53) |
| 1014 | 27618_1.R1010.f1 | trihelix(HMM:4.3e-07) |
| 1015 | LIB24-003-Q1-E1-D5.f3 | trihelix(HMM:5.8) |
| 1016 | 5312_1.R1010.f1 | trihelix(HMM:6.1e-39) |
| 1017 | 22425_1.R1010.f2 | trihelix(HMM:7e-05) |
| 1018 | 191_2.R1010.f3 | trihelix(HMM:8.6e-46) |
| 1019 | jC-atXLIB327411P3d07b1.f3 | wrky(HMM:0.0026) |
| 1020 | 5826_1.R1010.f3 | wrky(HMM:0.0031) |
| 1021 | 8539_1.R1010.f1 | wrky(HMM:0.0039) |
| 1022 | LIB3168-082-P1-K1-E5.f4 | wrky(HMM:0.02) |
| 1023 | LIB3168-019-P1-K1-F2.f3 | wrky(HMM:0.16) |
| 1024 | LIB3177-019-P1-K2-B10.f1 | wrky(HMM:0.21) |
| 1025 | 88718_1.R1010.f6 | wrky(HMM:0.27) |
| 1026 | 2393545.f2 | wrky(HMM:0.34) |
| 1027 | LIB3175-020-P1-K1-G2.f1 | wrky(HMM:1.1e-05) |
| 1028 | jC-atXLIB327406P2b07a1.f4 | wrky(HMM:1.1e-22) |
| 1029 | 1527_1.R1010.f1 | wrky(HMM:1.2e-40) |
| 1030 | jC-atXP39C161C17T7s1.f2 | wrky(HMM:1.4e-26) |
| 1031 | 81064_1.R1010.f6 | wrky(HMM:1.6e-41) |
| 1032 | 9804_1.R1010.f3 | wrky(HMM:1.6e-74) |
| 1033 | 1327735.f2 | wrky(HMM:1.7e-05) |
| 1034 | 118163_1.R1010.f3 | wrky(HMM:1.7e-29) |
| 1035 | LIB22-006-Q1-E1-G11.f3 | wrky(HMM:1.9e-08) |
| 1036 | 14802_1.R1010.f2 | wrky(HMM:1.9e-35) |
| 1037 | 5013_1.R1010.f2 | wrky(HMM:1.9e-38) |
| 1038 | LIB22-075-Q1-E1-H8.f1 | wrky(HMM:2.2e-09) |
| 1039 | jC-atXP119C193G18T7012a1.f5 | wrky(HMM:2.3e-43) |
| 1040 | jC-atXP15C106F16T7018a1.f6 | wrky(HMM:2.3e-45) |
| 1041 | 2393223.f3 | wrky(HMM:2.4e-40) |
| 1042 | 15470_1.R1010.f2 | wrky(HMM:2.8e-29) |
| 1043 | 2759396.f3 | wrky(HMM:2e-28) |
| 1044 | 1479_2.R1010.f3 | wrky(HMM:3.1e-86) |
| 1045 | jC-atXLIB327406P1d05b1.f2 | wrky(HMM:3.2e-35) |
| 1046 | LIB3175-048-P1-K1-B6.f2 | wrky(HMM:3.9e-35) |
| 1047 | 56539_1.R1010.f2 | wrky(HMM:4.1e-38) |
| 1048 | 73241_1.R1010.f3 | wrky(HMM:4.3e-24) |

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| 1049 | 2501_1.R1010.f1 | wrky(HMM:4.4e-39) |
| 1050 | LIB3176-030-P1-K1-B12.f2 | wrky(HMM:4.5e-16) |
| 1051 | 773507.f4 | wrky(HMM:4e-35) |
| 1052 | 93888_1.R1010.f4 | wrky(HMM:5.1e-42) |
| 1053 | 102356_1.R1010.f6 | wrky(HMM:6.6e-13) |
| 1054 | 1932911.f2 | wrky(HMM:7.4e-06) |
| 1055 | jC-atXP92C249D20T7085d1.f3 | wrky(HMM:7.4e-07) |
| 1056 | jC-atXP15C107M17T7066a1.f4 | wrky(HMM:7.8e-05) |
| 1057 | 31824_1.R1010.f2 | wrky(HMM:8.3e-41) |
| 1058 | 9668_1.R1010.f1 | "zf-b_box(HMM:0.00016),zf-constans(HMM:1.6e-33)" |
| 1059 | 193_1.R1010.f2 | "zf-b_box(HMM:0.0044),zf-constans(HMM:2.7e-43)" |
| 1060 | 5722_1.R1010.f3 | "zf-b_box(HMM:0.0063),zf-constans(HMM:8.4e-42)" |
| 1061 | LIB35-042-Q1-E1-A4.f1 | "zf-b_box(HMM:0.0063),zf-constans(HMM:8.4e-42)" |
| 1062 | LIB25-027-Q1-E1-H4.f1 | "zf-b_box(HMM:0.013),zf-constans(HMM:3.3e-08)" |
| 1063 | 40_1.R1010.f1 | "zf-b_box(HMM:0.017),zf-constans(HMM:8.1e-42)" |
| 1064 | 122486_1.R1010.f3 | "zf-b_box(HMM:0.028),zf-constans(HMM:5.6e-20)" |
| 1065 | PLN_g1161513.f1 | "zf-b_box(HMM:0.033),zf-constans(HMM:2.1e-40)" |
| 1066 | 125594_2.R1010.f2 | "zf-b_box(HMM:0.039),zf-constans(HMM:3.5e-15)" |
| 1067 | 51413_1.R1010.f2 | "zf-b_box(HMM:0.039),zf-constans(HMM:3.6e-26)" |
| 1068 | 29526_1.R1010.f3 | "zf-b_box(HMM:0.042),zf-constans(HMM:7.6e-18)" |
| 1069 | 1234_1.R1010.f2 | "zf-b_box(HMM:0.045),zf-constans(HMM:1.7e-41)" |
| 1070 | 13583_1.R1010.f2 | "zf-b_box(HMM:0.053),zf-constans(HMM:3.7e-16)" |
| 1071 | 17975_1.R1010.f1 | "zf-b_box(HMM:0.06),zf-constans(HMM:1.1e-17)" |
| 1072 | 15190_1.R1010.f2 | "zf-b_box(HMM:0.063),zf-constans(HMM:2.4e-15)" |
| 1073 | jC-atXLIB327431P4f03a1.f3 | "zf-b_box(HMM:0.083),zf-constans(HMM:2.9e-31)" |
| 1074 | 47411_1.R1010.f2 | "zf-b_box(HMM:0.096),zf-constans(HMM:2e-36)" |
| 1075 | 24889_2.R1010.f3 | zf-c2h2(HMM:0.00051) |
| 1076 | 27999_1.R1010.f1 | zf-c2h2(HMM:0.00064) |
| 1077 | jC-atXP82CG2D11T7b1.f3 | zf-c2h2(HMM:0.00067) |
| 1078 | 10874_2.R1010.f2 | zf-c2h2(HMM:0.00069) |
| 1079 | 970_1.R1010.f1 | zf-c2h2(HMM:0.0013) |
| 1080 | LIB3168-010-P1-K1-G9.f3 | zf-c2h2(HMM:0.0018) |
| 1081 | 80711_2.R1010.f4 | zf-c2h2(HMM:0.0074) |
| 1082 | jC-atXLIB327420P3h07b1.f1 | zf-c2h2(HMM:0.015) |
| 1083 | PLN_g790676.f1 | zf-c2h2(HMM:0.027) |
| 1084 | 971_1.R1010.f2 | zf-c2h2(HMM:0.064) |
| 1085 | jC-atXP5C89H13T7036a1.f6 | zf-c2h2(HMM:0.064) |

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| 1086 | 969_1.R1010.f1 | zf-c2h2(HMM:0.072) |
| 1087 | PLN_g790672.f3 | zf-c2h2(HMM:0.072) |
| 1088 | PLN_g790674.f1 | zf-c2h2(HMM:0.072) |
| 1089 | PLN_g1418340.f3 | zf-c2h2(HMM:1.6e-07) |
| 1090 | 1605_1.R1010.f1 | zf-c2h2(HMM:1.9e-09) |
| 1091 | 1203_1.R1010.f1 | zf-c2h2(HMM:2.2e-06) |
| 1092 | 5716_1.R1010.f2 | zf-c2h2(HMM:2e-05) |
| 1093 | 1202_1.R1010.f3 | zf-c2h2(HMM:3.6e-08) |
| 1094 | PLN_g1418334.f1 | zf-c2h2(HMM:3.6e-08) |
| 1095 | 101520_1.R1010.f2 | zf-c2h2(HMM:3.9e-09) |
| 1096 | 1201_1.R1010.f1 | zf-c2h2(HMM:4.5e-10) |
| 1097 | 80711_1.R1010.f4 | zf-c2h2(HMM:8.2e-12) |
| 1098 | 1204_1.R1010.f2 | zf-c2h2(HMM:8.8e-09) |
| 1099 | 460754.f4 | zf-c3hc4(HMM:0.00013) |
| 1100 | LIB3234-033-P1-K1-D11.f5 | zf-c3hc4(HMM:0.00013) |
| 1101 | 77239_1.R1010.f1 | zf-c3hc4(HMM:0.00023) |
| 1102 | 51315_1.R1010.f3 | zf-c3hc4(HMM:0.00028) |
| 1103 | 1788_1.R1010.f1 | zf-c3hc4(HMM:0.00032) |
| 1104 | ARABL1-043-Q1-B1-B10.f5 | zf-c3hc4(HMM:0.00038) |
| 1105 | 61662_1.R1010.f1 | zf-c3hc4(HMM:0.0004) |
| 1106 | 65486_1.R1010.f5 | zf-c3hc4(HMM:0.00054) |
| 1107 | 11806_1.R1010.f1 | zf-c3hc4(HMM:0.00066) |
| 1108 | 2757852.f2 | zf-c3hc4(HMM:0.00077) |
| 1109 | 8493_1.R1010.f3 | zf-c3hc4(HMM:0.00099) |
| 1110 | 1520701.f1 | zf-c3hc4(HMM:0.0012) |
| 1111 | jC-atX24064Q1E1E05a1.f6 | zf-c3hc4(HMM:0.0015) |
| 1112 | 115546_1.R1010.f6 | zf-c3hc4(HMM:0.002) |
| 1113 | 76250_1.R1010.f6 | zf-c3hc4(HMM:0.0022) |
| 1114 | 4272_5.R1010.f2 | zf-c3hc4(HMM:0.0024) |
| 1115 | 46964_1.R1010.f3 | zf-c3hc4(HMM:0.0024) |
| 1116 | LIB3176-071-P1-K1-F4.f1 | zf-c3hc4(HMM:0.0026) |
| 1117 | 150482_1.R1010.f2 | zf-c3hc4(HMM:0.003) |
| 1118 | jC-atXP101CE1E10T7058b1.f1 | zf-c3hc4(HMM:0.003) |
| 1119 | 101734_1.R1010.f1 | zf-c3hc4(HMM:0.0033) |
| 1120 | jC-a1XLIB327436P1g09b1.f3 | zf-c3hc4(HMM:0.0054) |
| 1121 | LIB35-037-Q1-E1-D7.f2 | zf-c3hc4(HMM:0.0054) |
| 1122 | 13089_1.R1010.f3 | zf-c3hc4(HMM:0.0064) |
| 1123 | 115761_1.R1010.f1 | zf-c3hc4(HMM:0.0084) |
| 1124 | 458787.f4 | zf-c3hc4(HMM:0.0084) |
| 1125 | 88598_1.R1010.f5 | zf-c3hc4(HMM:0.0099) |
| 1126 | LIB3176-086-P1-K1-F8.f1 | zf-c3hc4(HMM:0.011) |
| 1127 | 77842_1.R1010.f3 | zf-c3hc4(HMM:0.015) |
| 1128 | 88394_1.R1010.f5 | zf-c3hc4(HMM:0.015) |
| 1129 | LIB25-094-Q1-E1-B8.f1 | zf-c3hc4(HMM:0.015) |
| 1130 | LIB35-055-Q1-E2-H12.f2 | zf-c3hc4(HMM:0.015) |
| 1131 | 26804_1.R1010.f3 | zf-c3hc4(HMM:0.017) |
| 1132 | 44005_1.R1010.f3 | zf-c3hc4(HMM:0.019) |
| 1133 | 39331_1.R1010.f2 | zf-c3hc4(HMM:0.023) |
| 1134 | 96673_1.R1010.f4 | zf-c3hc4(HMM:0.024) |
| 1135 | jC-a1X24005Q1E1C11a1.f4 | zf-c3hc4(HMM:0.03) |
| 1136 | 634831.f1 | zf-c3hc4(HMM:0.036) |
| 1137 | 33548_1.R1010.f2 | zf-c3hc4(HMM:0.041) |
| 1138 | 33887_1.R1010.f1 | zf-c3hc4(HMM:0.044) |
| 1139 | 213_23.R1010.f3 | zf-c3hc4(HMM:0.048) |

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| 1140 | jC-atXLIB327410P2h09a1.f4 | zf-c3hc4(HMM:0.049) |
| 1141 | 116810_1.R1010.f3 | zf-c3hc4(HMM:0.06) |
| 1142 | 85162_1.R1010.f4 | zf-c3hc4(HMM:0.061) |
| 1143 | 88872_1.R1010.f4 | zf-c3hc4(HMM:0.063) |
| 1144 | 5688_2.R1010.f1 | zf-c3hc4(HMM:0.065) |
| 1145 | 25145_1.R1010.f6 | zf-c3hc4(HMM:0.067) |
| 1146 | jC-alXLIB327434P4h12a1.f6 | zf-c3hc4(HMM:0.068) |
| 1147 | LIB3177-067-P1-K1-F10.f1 | zf-c3hc4(HMM:0.069) |
| 1148 | 16046_1.R1010.f1 | zf-c3hc4(HMM:0.072) |
| 1149 | LIB23-027-Q1-E1-H9.f6 | zf-c3hc4(HMM:0.075) |
| 1150 | 64121_1.R1010.f2 | zf-c3hc4(HMM:0.08) |
| 1151 | 91568_1.R1010.f6 | zf-c3hc4(HMM:0.085) |
| 1152 | 906835.f3 | zf-c3hc4(HMM:0.11) |
| 1153 | 75883_1.R1010.f6 | zf-c3hc4(HMM:0.17) |
| 1154 | LIB35-042-Q1-E1-B5.f2 | zf-c3hc4(HMM:0.22) |
| 1155 | 79742_3.R1010.f4 | zf-c3hc4(HMM:0.25) |
| 1156 | 2749609.f3 | zf-c3hc4(HMM:0.32) |
| 1157 | 13387_1.R1010.f2 | zf-c3hc4(HMM:0.55) |
| 1158 | 36130_1.R1010.f3 | zf-c3hc4(HMM:0.66) |
| 1159 | 104041_1.R1010.f4 | zf-c3hc4(HMM:1.1e-05) |
| 1160 | 40473_1.R1010.f3 | zf-c3hc4(HMM:1.1e-07) |
| 1161 | 15228_1.R1010.f1 | zf-c3hc4(HMM:1.1e-09) |
| 1162 | 714_1.R1010.f2 | "zf-c3hc4(HMM:1.1e-16),zz(HMM:4.4e-16)" |
| 1163 | jC-alXLIB327436P1g09a1.f4 | zf-c3hc4(HMM:1.2e-09) |
| 1164 | 2763784.f3 | zf-c3hc4(HMM:1.4e-08) |
| 1165 | 70486_1.R1010.f1 | zf-c3hc4(HMM:1.4e-08) |
| 1166 | 28736_1.R1010.f3 | zf-c3hc4(HMM:1.4e-09) |
| 1167 | 1793_1.R1010.f2 | zf-c3hc4(HMM:1.5e-12) |
| 1168 | 74196_1.R1010.f1 | zf-c3hc4(HMM:1.6e-06) |
| 1169 | jC-atX24027Q1E1F03a1.f4 | zf-c3hc4(HMM:1.6e-11) |
| 1170 | LIB22-004-Q1-E1-D10.f1 | zf-c3hc4(HMM:1.6e-11) |
| 1171 | 1785_1.R1010.f1 | zf-c3hc4(HMM:1.6e-11).f |
| 1172 | 2413955.f1 | zf-c3hc4(HMM:1.6e-12) |
| 1173 | 8878_1.R1010.f2 | zf-c3hc4(HMM:1.7e-10) |
| 1174 | 7144_1.R1010.f3 | zf-c3hc4(HMM:1.7e-11) |
| 1175 | jC-atXP13C103O3T7004a1.f4 | zf-c3hc4(HMM:1.8e-07) |
| 1176 | 1786_1.R1010.f1 | zf-c3hc4(HMM:1.8e-09) |
| 1177 | LIB3176-051-P1-K1-H2.f1 | zf-c3hc4(HMM:1.8e-10) |
| 1178 | 14579_1.R1010.f2 | zf-c3hc4(HMM:1e-11) |
| 1179 | jC-atXLIB327409P4h04a1.f4 | zf-c3hc4(HMM:2.1) |
| 1180 | 79397_1.R1010.f5 | zf-c3hc4(HMM:2.1e-11) |
| 1181 | 2062852.f1 | zf-c3hc4(HMM:2.2) |
| 1182 | jC-atXLIB327438P3e01a2.f2 | zf-c3hc4(HMM:2.2e-09) |
| 1183 | 1795_1.R1010.f2 | zf-c3hc4(HMM:2.3e-09) |
| 1184 | 2048291.f2 | zf-c3hc4(HMM:2.3e-10) |
| 1185 | 1789_1.R1010.f2 | zf-c3hc4(HMM:2.4e-14) |
| 1186 | 905856.f2 | zf-c3hc4(HMM:2.5e-06) |
| 1187 | 88949_1.R1010.f5 | zf-c3hc4(HMM:2.6e-13) |
| 1188 | 1787_1.R1010.f3 | zf-c3hc4(HMM:2.7e-10) |
| 1189 | 101518_1.R1010.f2 | zf-c3hc4(HMM:2e-10) |
| 1190 | LIB23-028-Q1-E1-C3.f3 | zf-c3hc4(HMM:3.1e-06) |
| 1191 | jC-atXP1C64A5T7s2.f6 | zf-c3hc4(HMM:3.1e-07) |
| 1192 | 74854_1.R1010.f3 | zf-c3hc4(HMM:3.1e-09) |

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| 1193 | ARABL1-038-Q1-E1-G10.f6 | zf-c3hc4(HMM:3.1e-11) |
| 1194 | LIB3168-061-P1-K1-A9.f5 | zf-c3hc4(HMM:3.2e-10) |
| 1195 | 1794_1.R1010.f3 | zf-c3hc4(HMM:3.3e-08) |
| 1196 | 128642_1.R1010.f3 | zf-c3hc4(HMM:3.4e-05) |
| 1197 | jC-atXU104f1.f4 | zf-c3hc4(HMM:3.4e-05) |
| 1198 | 10177_1.R1010.f1 | zf-c3hc4(HMM:3.4e-06) |
| 1199 | 15228_2.R1010.f3 | zf-c3hc4(HMM:3.4e-10) |
| 1200 | 8186_1.R1010.f3 | zf-c3hc4(HMM:3.7e-06) |
| 1201 | jC-atXLIB327431P4h03a1.f2 | zf-c3hc4(HMM:3.8e-07) |
| 1202 | 24635_1.R1010.f3 | zf-c3hc4(HMM:3.9e-08) |
| 1203 | 22255_1.R1010.f1 | zf-c3hc4(HMM:3.9e-09) |
| 1204 | 1159615.f2 | zf-c3hc4(HMM:4.2e-09) |
| 1205 | 2581694.f3 | zf-c3hc4(HMM:4.2e-10) |
| 1206 | jC-atXP69C219A23T7014d1.f1 | zf-c3hc4(HMM:4.2e-10) |
| 1207 | 17051_1.R1010.f3 | zf-c3hc4(HMM:4.4e-08) |
| 1208 | 1874_1.R1010.f3 | zf-c3hc4(HMM:4.5e-08) |
| 1209 | 1792_1.R1010.f3 | zf-c3hc4(HMM:5.5e-09) |
| 1210 | 6103_1.R1010.f3 | zf-c3hc4(HMM:5.8e-07) |
| 1211 | 14617_1.R1010.f1 | zf-c3hc4(HMM:6.3e-10) |
| 1212 | 2754_2.R1010.f2 | zf-c3hc4(HMM:6.4e-09) |
| 1213 | 101364_1.R1010.f4 | zf-c3hc4(HMM:6.4e-10) |
| 1214 | jC-atXLIB327436P2d05a1.f5 | zf-c3hc4(HMM:6.5e-05) |
| 1215 | 24834_1.R1010.f1 | zf-c3hc4(HMM:6.5e-11) |
| 1216 | 4922_1.R1010.f1 | zf-c3hc4(HMM:6.6e-08) |
| 1217 | 15369_1.R1010.f2 | zf-c3hc4(HMM:6.8e-12) |
| 1218 | 949655.f1 | zf-c3hc4(HMM:7.1e-07) |
| 1219 | 96498_1.R1010.f6 | zf-c3hc4(HMM:7.4e-08) |
| 1220 | 74370_1.R1010.f2 | zf-c3hc4(HMM:7.8e-06) |
| 1221 | jC-atXLIB327408P4e09a1.f4 | zf-c3hc4(HMM:7.8e-10) |
| 1222 | 396_1.R1010.f1 | zf-c3hc4(HMM:7e-11) |
| 1223 | 10338_1.R1010.f1 | zf-c3hc4(HMM:8.1e-07) |
| 1224 | 2047468.f3 | zf-c3hc4(HMM:8.2e-05) |
| 1225 | 88616_1.R1010.f4 | zf-c3hc4(HMM:8.6e-09) |
| 1226 | 213_12.R1010.f3 | zf-c3hc4(HMM:8.8e-08) |
| 1227 | 2581616.f3 | zf-c3hc4(HMM:8.8e-08) |
| 1228 | 128926_1.R1010.f6 | zf-c3hc4(HMM:8.8e-09) |
| 1229 | jC-atXP8C92K1T7d1.f4 | zf-c3hc4(HMM:8.8e-12) |
| 1230 | 47105_1.R1010.f2 | zf-c3hc4(HMM:8e-07) |
| 1231 | 57820_1.R1010.f3 | zf-c3hc4(HMM:8e-12) |
| 1232 | 127383_1.R1010.f4 | zf-c3hc4(HMM:9.2e-13) |
| 1233 | 31344_1.R1010.f3 | zf-c3hc4(HMM:9.4e-06) |
| 1234 | 1790_1.R1010.f2 | zf-c3hc4(HMM:9.7e-12) |
| 1235 | 19591_1.R1010.f3 | zf-ccch(HMM:0.00014) |
| 1236 | 22324_1.R1010.f2 | zf-ccch(HMM:0.00034) |
| 1237 | 32632_1.R1010.f1 | zf-ccch(HMM:0.00038) |
| 1238 | 11605_1.R1010.f3 | zf-ccch(HMM:0.0018) |
| 1239 | 7176_1.R1010.f3 | zf-ccch(HMM:0.0023) |
| 1240 | LIB3234-087-Q1-K1-G12.f3 | zf-ccch(HMM:0.0095) |
| 1241 | 20290_1.R1010.f3 | zf-ccch(HMM:0.0096) |
| 1241 | 20290_1.R1010.f3 | zf-ccch(HMM:0.0096) |
| 1242 | 116042_1.R1010.f2 | zf-ccch(HMM:0.015) |
| 1243 | 99257_1.R1010.f6 | zf-ccch(HMM:0.031) |
| 1244 | jC-atXP31C147B23T7s1.f4 | zf-ccch(HMM:0.031) |
| 1245 | jC-atXLIB327416P3e02a1.f6 | zf-ccch(HMM:0.04) |

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| 1246 | LIB146-022-Q1-E1-E5.f2 | zf-ccch(HMM:0.046) |
| 1247 | 1695_1.R1010.f2 | zf-ccch(HMM:0.098) |
| 1248 | 116035_1.R1010.f5 | zf-ccch(HMM:1.5e-05) |
| 1249 | 5626_1.R1010.f3 | zf-ccch(HMM:2.1e-06) |
| 1250 | 8921_1.R1010.f3 | zf-ccch(HMM:2.1e-06) |
| 1251 | 38040_1.R1010.f1 | zf-ccch(HMM:6.6e-16) |
| 1252 | 1199_1.R1010.f2 | zf-cchc(HMM:0.00024) |
| 1253 | 670_1.R1010.f3 | zf-cchc(HMM:0.0003) |
| 1254 | 129921_1.R1010.f5 | zf-cchc(HMM:0.00053) |
| 1255 | jC-atXLIB327433P2a10a1.f4 | zf-cchc(HMM:0.0017) |
| 1256 | 108675_1.R1010.f5 | zf-cchc(HMM:0.012) |
| 1257 | LIB3177-077-P1-K1-E7.f1 | zf-cchc(HMM:0.15) |
| 1258 | 1200_1.R1010.f2 | zf-cchc(HMM:1.2e-05) |
| 1259 | 22484_1.R1010.f1 | zf-cchc(HMM:1.5e-06) |
| 1260 | 11483_1.R1010.f1 | zf-cchc(HMM:1.5e-17) |
| 1261 | LIB3176-047-P1-K1-D4.f2 | zf-cchc(HMM:1.7e-12) |
| 1262 | 2763645.f3 | zf-cchc(HMM:2.6e-06) |
| 1263 | 13021_1.R1010.f3 | zf-cchc(HMM:2.9e-11) |
| 1264 | 3418_1.R1010.f3 | zf-cchc(HMM:4.5e-05) |
| 1265 | LIB3176-069-P1-K1-H8.f2 | zf-constans(HMM:0.00032) |
| 1266 | 47549_1.R1010.f1 | zf-constans(HMM:1.3e-14) |
| 1267 | 28795_1.R1010.f2 | zf-constans(HMM:1.8e-31) |
| 1268 | 74055_1.R1010.f1 | zf-constans(HMM:1.9e-16) |
| 1269 | 315827.f3 | zf-constans(HMM:1e-10) |
| 1270 | 28040_1.R1010.f1 | zf-constans(HMM:1e-25) |
| 1271 | 131318_1.R1010.f2 | zf-constans(HMM:2.1e-18) |
| 1272 | 7711_1.R1010.f3 | zf-constans(HMM:2.3e-14) |
| 1273 | 2733155.f3 | zf-constans(HMM:2.7e-12) |
| 1274 | 13864_8.R1010.f1 | zf-constans(HMM:3.3e-10) |
| 1275 | 13864_3.R1010.f2 | zf-constans(HMM:3.9e-31) |
| 1276 | 906416.f3 | zf-constans(HMM:4.8e-38) |
| 1277 | 35325_1.R1010.f3 | zf-constans(HMM:5.6e-36) |
| 1278 | 1216676.f1 | zf-constans(HMM:5e-07) |
| 1279 | jC-atXN442143a1.f6 | zf-constans(HMM:9.6e-10) |
| 1280 | 2048672.f1 | zf-mynd(HMM:0.037) |
| 1281 | 123095_1.R1010.f2 | zf-mynd(HMM:0.27) |
| 1282 | 117076_1.R1010.f6 | zf-mynd(HMM:0.85) |
| 1283 | 102319_2.R1010.f6 | zf-mynd(HMM:2.3e-11) |
| 1284 | 93572_1.R1010.f5 | zz(HMM:0.045) |
| 1285 | 2470_1.R1010.f1 | zz(HMM:5.8e-08) |
| 1286 | 550153.f2 | zz(HMM:7.6e-07) |

Table 3: Nucleic Acids encoding transcription factors from *Arabidopsis thaliana*

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|-------------------------|-----------------------|
| 1287 | LIB22-064-Q1-E1-D9 | 14-3-3(HMM:0.00044) |
| 1288 | ARABL1-06-Q1-B1-F3 | 14-3-3(HMM:0.0091) |
| 1289 | 934818 | 14-3-3(HMM:0.01) |
| 1290 | 905536 | 14-3-3(HMM:1.2e-33) |
| 1291 | LIB3176-108-P1-K1-G9 | 14-3-3(HMM:1.4e-05) |
| 1292 | 1152_4.R1010 | 14-3-3(HMM:1.4e-56) |
| 1293 | 1152_5.R1010 | 14-3-3(HMM:1.4e-62) |
| 1294 | 1152_2.R1010 | 14-3-3(HMM:1.5e-09) |
| 1295 | jC-atXLIB327419P4d06b1 | 14-3-3(HMM:1.5e-58) |
| 1296 | LIB3177-002-Q1-K1-C3 | 14-3-3(HMM:1.6e-12) |
| 1297 | 20_2.R1010 | 14-3-3(HMM:1.8e-180) |
| 1298 | LIB3177-044-P1-K2-G11 | 14-3-3(HMM:1.9e-07) |
| 1299 | 407_1.R1010 | 14-3-3(HMM:1.9e-167) |
| 1300 | LIB3176-102-P1-K1-B7 | 14-3-3(HMM:2.3e-07) |
| 1301 | jC-atXP100C251P17T7b1 | 14-3-3(HMM:2.3e-39) |
| 1302 | 291_1.R1010 | 14-3-3(HMM:2.4e-180) |
| 1303 | LIB3177-033-P1-K2-D9 | 14-3-3(HMM:2.8e-24) |
| 1304 | 20_3.R1010 | 14-3-3(HMM:2.9e-180) |
| 1305 | LIB23-037-Q1-E1-B5 | 14-3-3(HMM:2e-09) |
| 1306 | 148_1.R1010 | 14-3-3(HMM:3.1e-177) |
| 1307 | 2747674 | 14-3-3(HMM:3.2e-11) |
| 1308 | 20_1.R1010 | 14-3-3(HMM:3.2e-181) |
| 1309 | 936660 | 14-3-3(HMM:3.2e-23) |
| 1310 | LIB3177-009-P1-K2-E10 | 14-3-3(HMM:3.3e-34) |
| 1311 | 1353_1.R1010 | 14-3-3(HMM:3.7e-167) |
| 1312 | 2413851 | 14-3-3(HMM:3e-09) |
| 1313 | LIB3177-003-P1-K1-A4 | 14-3-3(HMM:4.1) |
| 1314 | LIB25-074-Q1-E1-C9 | 14-3-3(HMM:4.1e-11) |
| 1315 | 906111 | 14-3-3(HMM:4.2e-09) |
| 1316 | 20_4.R1010 | 14-3-3(HMM:4.6e-35) |
| 1317 | LIB24-111-Q1-E1-H3 | 14-3-3(HMM:4e-17) |
| 1318 | LIB3176-073-P1-K1-G8 | 14-3-3(HMM:5.3e-08) |
| 1319 | LIB24-100-Q1-E1-A11 | 14-3-3(HMM:5.3e-25) |
| 1320 | 148_2.R1010 | 14-3-3(HMM:5.4e-179) |
| 1321 | LIB3177-050-P1-K1-F8 | 14-3-3(HMM:5.6e-05) |
| 1322 | 1152_1.R1010 | 14-3-3(HMM:5.6e-173) |
| 1323 | jC-atXP74C225E18T7038d1 | 14-3-3(HMM:5.8e-137) |
| 1324 | 460364 | 14-3-3(HMM:6e-10) |
| 1325 | LIB3176-055-P1-K1-H3 | 14-3-3(HMM:7.9e-24) |
| 1326 | 1152_3.R1010 | 14-3-3(HMM:8.2e-174) |
| 1327 | LIB3175-053-P1-K1-F8 | 14-3-3(HMM:9.7e-14) |
| 1328 | LIB25-027-Q1-E1-A1 | 14-3-3(HMM:9e-32) |
| 1329 | 38823_1.R1010 | ank(HMM:0.0012) |
| 1330 | LIB3234-090-P1-K1-D9 | ank(HMM:0.0014) |
| 1331 | LIB3175-052-P1-K1-H2 | ank(HMM:0.005) |
| 1332 | LIB22-005-Q1-E1-C10 | ank(HMM:0.018) |
| 1333 | 4513_1.R1010 | ank(HMM:0.035) |
| 1334 | 4189_1.R1010 | ank(HMM:0.041) |
| 1335 | 4986_1.R1010 | ank(HMM:0.068) |
| 1336 | LIB24-006-Q1-E1-B11 | ank(HMM:0.14) |
| 1337 | 11805_1.R1010 | ank(HMM:1.1e-07) |
| 1338 | 906580 | ank(HMM:1.2e-05) |

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| 1339 | LIB24-052-Q1-E1-B5 | ank(HMM:1.5) |
| 1340 | 2407_2.R1010 | ank(HMM:1.7e-05) |
| 1341 | jC-atXLIB327401P3c07b2 | ank(HMM:1.7e-10) |
| 1342 | 16954_1.R1010 | ank(HMM:1e-16) |
| 1343 | 1643_1.R1010 | ank(HMM:1e-21) |
| 1344 | 2066_1.R1010 | ank(HMM:1e-21) |
| 1345 | 44151_1.R1010 | ank(HMM:2.1e-08) |
| 1346 | 16163_1.R1010 | ank(HMM:2.2e-17) |
| 1347 | 33294_1.R1010 | ank(HMM:2.3e-08) |
| 1348 | jC-atXP108C153H24T7090d1 | ank(HMM:2.3e-08) |
| 1349 | 2581661 | ank(HMM:2.3e-10) |
| 1350 | 15542_1.R1010 | ank(HMM:2.6e-07) |
| 1351 | 2748147 | ank(HMM:2.6e-15) |
| 1352 | jC-atXP108C175O12T7093d1 | ank(HMM:2.6e-17) |
| 1353 | 32724_1.R1010 | ank(HMM:2.7e-08) |
| 1354 | 133_1.R1010 | "ank(HMM:2e-07),btb(HMM:9.4e-05)" |
| 1355 | 315446 | ank(HMM:2e-08) |
| 1356 | 1643_3.R1010 | ank(HMM:2e-22) |
| 1357 | 1643_4.R1010 | ank(HMM:3.1e-21) |
| 1358 | 4734_2.R1010 | ank(HMM:3.1e-43) |
| 1359 | 5462_1.R1010 | ank(HMM:3.2e-07) |
| 1360 | 27659_1.R1010 | ank(HMM:3.6e-13) |
| 1361 | 115473_1.R1010 | ank(HMM:3.6e-15) |
| 1362 | 1517358 | ank(HMM:3.6e-22) |
| 1363 | 1643_6.R1010 | ank(HMM:3.6e-22) |
| 1364 | 4821_1.R1010 | ank(HMM:4.1e-07) |
| 1365 | 31463_1.R1010 | ank(HMM:4.3e-09) |
| 1366 | ARABL1-05-Q1-B1-C6 | ank(HMM:4.4e-08) |
| 1367 | LIB3168-082-P1-K1-G2 | ank(HMM:4.5e-11) |
| 1368 | 1363_1.R1010 | ank(HMM:4.5e-22) |
| 1369 | 8132_1.R1010 | ank(HMM:5.2e-07) |
| 1370 | LIB24-116-Q1-E1-B6 | ank(HMM:5.4e-07) |
| 1371 | 32109_1.R1010 | ank(HMM:5.5e-16) |
| 1372 | 496793 | ank(HMM:5.6e-18) |
| 1373 | LIB3176-113-P2-K1-F10 | ank(HMM:5.7e-15) |
| 1374 | 482_1.R1010 | ank(HMM:5.8e-31) |
| 1375 | 6303_1.R1010 | ank(HMM:5.9e-24) |
| 1376 | 24427_2.R1010 | ank(HMM:6.8e-08) |
| 1377 | 22643_1.R1010 | ank(HMM:8.2e-29) |
| 1378 | 27727_1.R1010 | ank(HMM:9.3e-16) |
| 1379 | 2407_1.R1010 | ank(HMM:9.5e-19) |
| 1380 | jC-atXP108C144I3T7089d1 | ank(HMM:9.7e-12) |
| 1381 | 1643_2.R1010 | ank(HMM:9e-23) |
| 1382 | jC-atXLIB327406P3d12b2 | ap2-domain(HMM:0.00019) |
| 1383 | LIB22-005-Q1-E1-B7 | ap2-domain(HMM:0.0012) |
| 1384 | LIB22-061-Q1-E2-F6 | ap2-domain(HMM:0.0012) |
| 1385 | 1217112 | ap2-domain(HMM:0.0013) |
| 1386 | 2042762 | ap2-domain(HMM:0.0021) |
| 1387 | jC-atXP123C118L9T7046d1 | ap2-domain(HMM:0.0041) |
| 1388 | 116780_2.R1010 | ap2-domain(HMM:0.006) |
| 1389 | 2218_9.R1010 | ap2-domain(HMM:0.0068) |
| 1390 | 957825 | ap2-domain(HMM:0.02) |
| 1391 | 77399_1.R1010 | ap2-domain(HMM:0.021) |

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| 1392 | 935966 | ap2-domain(HMM:0.023) |
| 1393 | LIB3176-007-P1-K1-F5 | ap2-domain(HMM:0.043) |
| 1394 | 2048257 | ap2-domain(HMM:0.26) |
| 1395 | 1082066 | ap2-domain(HMM:0.51) |
| 1396 | 413_1.R1010 | "ap2-domain(HMM:1.1e-24),arf(HMM:7.5),b3(HMM:2.2e-46)" |
| 1397 | 414_1.R1010 | "ap2-domain(HMM:1.1e-28),arf(HMM:5.1),b3(HMM:1.2e-46)" |
| 1398 | 14576_1.R1010 | ap2-domain(HMM:1.1e-35) |
| 1399 | 389_1.R1010 | ap2-domain(HMM:1.2e-43) |
| 1400 | 470_7.R1010 | ap2-domain(HMM:1.3e-39) |
| 1401 | 9451_1.R1010 | ap2-domain(HMM:1.4e-37) |
| 1402 | 387_1.R1010 | ap2-domain(HMM:1.4e-39) |
| 1403 | 957460 | ap2-domain(HMM:1.5e-05) |
| 1404 | 74978_1.R1010 | ap2-domain(HMM:1.5e-37) |
| 1405 | LIB23-036-Q1-E1-H8 | ap2-domain(HMM:1.6e-09) |
| 1406 | 470_2.R1010 | ap2-domain(HMM:1.7e-42) |
| 1407 | 10919_1.R1010 | ap2-domain(HMM:1.9e-20) |
| 1408 | 36240_1.R1010 | ap2-domain(HMM:1.9e-27) |
| 1409 | 9415_3.R1010 | ap2-domain(HMM:1.9e-36) |
| 1410 | 2413138 | ap2-domain(HMM:2.1e-38) |
| 1411 | 388_1.R1010 | ap2-domain(HMM:2.1e-39) |
| 1412 | 385_1.R1010 | ap2-domain(HMM:2.1e-41) |
| 1413 | jC-atXP20C113D5T7033a1 | ap2-domain(HMM:2.1e-41) |
| 1414 | LIB3234-100-P1-K1-B11 | ap2-domain(HMM:2.3e-12) |
| 1415 | 116780_1.R1010 | ap2-domain(HMM:2.3e-37) |
| 1416 | 11322_1.R1010 | ap2-domain(HMM:2.4e-19) |
| 1417 | 8781_1.R1010 | ap2-domain(HMM:2.4e-39) |
| 1418 | 412_1.R1010 | ap2-domain(HMM:2.5e-41) |
| 1419 | jC-atXLIB327424P2g12b2 | ap2-domain(HMM:2.7e-05) |
| 1420 | 470_1.R1010 | ap2-domain(HMM:2.8e-42) |
| 1421 | 1364_1.R1010 | ap2-domain(HMM:2.8e-63) |
| 1422 | PLN_g1246402 | ap2-domain(HMM:2.9e-39) |
| 1423 | LIB3177-066-P1-K1-H7 | ap2-domain(HMM:2e-10) |
| 1424 | LIB3234-049-P1-K1-D8 | ap2-domain(HMM:2e-18) |
| 1425 | 2762444 | ap2-domain(HMM:2e-39) |
| 1426 | 9415_1.R1010 | ap2-domain(HMM:3.1) |
| 1427 | 77309_1.R1010 | ap2-domain(HMM:3.1e-22) |
| 1428 | 4590_2.R1010 | ap2-domain(HMM:3.1e-42) |
| 1429 | 386_1.R1010 | ap2-domain(HMM:3.2e-41) |
| 1430 | 386_2.R1010 | ap2-domain(HMM:3.2e-41) |
| 1431 | 21598_1.R1010 | ap2-domain(HMM:3.4e-42) |
| 1432 | 8451_1.R1010 | ap2-domain(HMM:3.5e-33) |
| 1433 | 7295_1.R1010 | ap2-domain(HMM:3.5e-37) |
| 1434 | LIB3175-035-P1-K1-G5 | ap2-domain(HMM:3.8e-31) |
| 1435 | 1913_1.R1010 | ap2-domain(HMM:3.8e-67) |
| 1436 | 19728_1.R1010 | ap2-domain(HMM:3.9e-07) |
| 1437 | 15669_1.R1010 | ap2-domain(HMM:3.9e-14) |
| 1438 | 4979_1.R1010 | ap2-domain(HMM:3.9e-30) |
| 1439 | 378_1.R1010 | ap2-domain(HMM:4.2e-38) |
| 1440 | 1216985 | ap2-domain(HMM:4.2e-41) |
| 1441 | 2218_5.R1010 | ap2-domain(HMM:4.2e-41) |

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| 1442 | 1158470 | ap2-domain(HMM:4.3e-08) |
| 1443 | 20544_1.R1010 | ap2-domain(HMM:4.6e-39) |
| 1444 | jC-atXLIB327438P1e09a1 | ap2-domain(HMM:4.7e-35) |
| 1445 | LIB3168-022-P1-K1-G5 | ap2-domain(HMM:4.7e-40) |
| 1446 | LIB3234-018-P1-K1-F10 | ap2-domain(HMM:5.5) |
| 1447 | 30840_1.R1010 | ap2-domain(HMM:5.5e-37) |
| 1448 | 7300_1.R1010 | ap2-domain(HMM:5.7e-37) |
| 1449 | 375_1.R1010 | ap2-domain(HMM:5.8e-38) |
| 1450 | 128405_1.R1010 | ap2-domain(HMM:5.9) |
| 1451 | PLN_g3738231 | ap2-domain(HMM:5e-39) |
| 1452 | 477_1.R1010 | ap2-domain(HMM:6.1e-38) |
| 1453 | LIB3176-113-P2-K1-C5 | ap2-domain(HMM:6.2e-14) |
| 1454 | 9415_2.R1010 | ap2-domain(HMM:6.2e-27) |
| 1455 | 935657 | ap2-domain(HMM:6.3e-14) |
| 1456 | 5895_1.R1010 | ap2-domain(HMM:6.5e-30) |
| 1457 | PLN_g4128207 | ap2-domain(HMM:6.6e-39) |
| 1458 | jC-atXP100C251N4T7b1 | ap2-domain(HMM:6e-31) |
| 1459 | 75807_1.R1010 | ap2-domain(HMM:6e-39) |
| 1460 | 375_2.R1010 | ap2-domain(HMM:7.7e-38) |
| 1461 | 470_8.R1010 | ap2-domain(HMM:7.8e-05) |
| 1462 | 2597552 | ap2-domain(HMM:8.2e-33) |
| 1463 | PLN_g541772 | ap2-domain(HMM:8.3e-41) |
| 1464 | 10231_1.R1010 | ap2-domain(HMM:8.7e-39) |
| 1465 | 375_3.R1010 | ap2-domain(HMM:8.8e-37) |
| 1466 | 138198_1.R1010 | ap2-domain(HMM:9.7e-35) |
| 1467 | 2722927 | ap2-domain(HMM:9.9e-05) |
| 1468 | LIB24-015-Q1-E1-H9 | "arf(HMM:0.013),iaa(HMM:4.1)" |
| 1469 | LIB3168-057-P1-K1-F8 | "arf(HMM:1.4e-06),b3(HMM:6e-36)" |
| 1470 | 1604_1.R1010 | "arf(HMM:1.4e-275),b3(HMM:4.1e-50),iaa(HMM:8.1e-37)" |
| 1471 | 2121_1.R1010 | "arf(HMM:1.8e-263),b3(HMM:1.1e-62)" |
| 1472 | LIB24-061-Q1-E1-B8 | arf(HMM:2.6e-08) |
| 1473 | LIB24-016-Q1-E1-F8 | arf(HMM:2.6e-12) |
| 1474 | LIB24-061-Q1-E1-A11 | "arf(HMM:2.9e-13),b3(HMM:1.4e-05)" |
| 1475 | LIB146-023-Q1-E1-C1 | arf(HMM:2.9e-27) |
| 1476 | 25573_1.R1010 | arf(HMM:2e-21) |
| 1477 | jC-atXLIB327404P1b06b1 | "arf(HMM:3.4e-22),b3(HMM:3.1e-11)" |
| 1478 | 1665_1.R1010 | "arf(HMM:3.5e-278),b3(HMM:2.5e-49),iaa(HMM:1.1e-37)" |
| 1479 | 1572_1.R1010 | "arf(HMM:3.7e-284),b3(HMM:1.7e-49),iaa(HMM:3.7e-39)" |
| 1480 | LIB146-005-Q1-E1-D6 | arf(HMM:3.7e-38) |
| 1481 | jC-atXLIB327439P2d08b2 | arf(HMM:5.5e-19) |
| 1482 | 5161_1.R1010 | arf(HMM:6.2e-05) |
| 1483 | 1652_1.R1010 | "arf(HMM:6.6e-277),b3(HMM:8.7e- |

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| 1484 | LIB22-009-Q1-E1-D10 | 57),iaa(HMM:7.8e-41)" "arf(HMM:6.9e-11),b3(HMM:2.3e-23)" |
| 1485 | 1571_1.R1010 | "arf(HMM:7.5e-277),b3(HMM:9.9e-56),iaa(HMM:1.9e-41)" |
| 1486 | 2103_1.R1010 | "arf(HMM:9.5e-270),b3(HMM:3.2e-61),iaa(HMM:2.4e-46)" |
| 1487 | 25949_1.R1010 | arid(HMM:0.45) |
| 1488 | 45225_1.R1010 | arid(HMM:1.3e-05) |
| 1489 | LIB25-100-Q1-E1-A9 | arid(HMM:1.5e-05) |
| 1490 | 2759573 | arid(HMM:9.5e-05) |
| 1491 | jC-atXP101CE1H11T7076b1 | athook(HMM:0.015) |
| 1492 | LIB3176-050-P1-K1-H11 | athook(HMM:0.018) |
| 1493 | 2597674 | athook(HMM:0.021) |
| 1494 | jC-atX22079Q1E1B12a1 | b3(HMM:0.45) |
| 1495 | PLN_g3582519 | b3(HMM:1.6e-69) |
| 1496 | 458_1.R1010 | b3(HMM:5.5e-74) |
| 1497 | LIB3168-086-P1-K1-G10 | bah(HMM:0.0024) |
| 1498 | 31695_1.R1010 | bah(HMM:2.9e-21) |
| 1499 | PLN_g2766712 | "bah(HMM:3.4e-29),chromo(HMM:0.00019)" |
| 1500 | 30519_1.R1010 | bah(HMM:4.1e-08) |
| 1501 | 874_1.R1010 | bah(HMM:5.1e-103) |
| 1502 | 1769_1.R1010 | bpf-1(HMM:0) |
| 1503 | 11707_1.R1010 | bpf-1(HMM:0.047) |
| 1504 | 108720_1.R1010 | bpf-1(HMM:1.2e-09) |
| 1505 | LIB3176-033-P1-K1-D4 | bpf-1(HMM:1.4e-20) |
| 1506 | 17063_1.R1010 | bpf-1(HMM:1.9e-27) |
| 1507 | 40300_1.R1010 | bpf-1(HMM:4.9e-58) |
| 1508 | 92045_1.R1010 | bpf-1(HMM:5.6e-31) |
| 1509 | LIB25-066-Q1-E1-H6 | bpf-1(HMM:5e-19) |
| 1510 | 31960_1.R1010 | bromodomain(HMM:0.00075) |
| 1511 | 56529_1.R1010 | bromodomain(HMM:1.4e-12) |
| 1512 | 1654_1.R1010 | bromodomain(HMM:3.3e-32) |
| 1513 | LIB3176-010-P1-K1-F5 | bromodomain(HMM:4.6) |
| 1514 | jC-atXLIB327414P4f03b2 | bromodomain(HMM:4e-33) |
| 1515 | 65236_1.R1010 | bromodomain(HMM:9.1e-08) |
| 1516 | LIB3234-085-Q1-K1-G6 | btb(HMM:0.00012) |
| 1517 | 48681_1.R1010 | btb(HMM:0.0016) |
| 1518 | jC-atXP31C146F3T7d2 | btb(HMM:0.0022) |
| 1519 | 5892_2.R1010 | btb(HMM:0.0035) |
| 1520 | jC-atXLIB327402P1f07b1 | btb(HMM:0.01) |
| 1521 | LIB25-035-Q1-E1-B3 | btb(HMM:0.011) |
| 1522 | LIB3177-078-P1-K1-F4 | btb(HMM:0.019) |
| 1523 | LIB24-072-Q1-E1-G1 | btb(HMM:0.027) |
| 1524 | 11482_1.R1010 | btb(HMM:1.1e-05) |
| 1525 | 3918_1.R1010 | btb(HMM:1.6e-05) |
| 1526 | 7245_1.R1010 | btb(HMM:2e-12) |
| 1527 | 29152_2.R1010 | btb(HMM:3.1e-19) |
| 1528 | 2545_1.R1010 | btb(HMM:3.7e-17) |
| 1529 | 28612_1.R1010 | btb(HMM:3e-08) |
| 1530 | LIB3234-043-P1-K1-C12 | btb(HMM:4.1) |

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| 1531 | 68549_2.R1010 | btb(HMM:4.2e-16) |
| 1532 | 5877_2.R1010 | btb(HMM:4.3e-10) |
| 1533 | LIB25-113-Q1-E1-F12 | btb(HMM:4.6e-06) |
| 1534 | 9824_1.R1010 | bzip(HMM:0.00027) |
| 1535 | PLN_g903687 | bzip(HMM:0.00076) |
| 1536 | 11510_1.R1010 | bzip(HMM:0.0011) |
| 1537 | PLN_g414614 | bzip(HMM:0.0013) |
| 1538 | 742_1.R1010 | bzip(HMM:0.0026) |
| 1539 | PLN_g304112 | bzip(HMM:0.0047) |
| 1540 | 5714_2.R1010 | bzip(HMM:0.013) |
| 1541 | 78339_1.R1010 | bzip(HMM:1.1e-09) |
| 1542 | 123173_1.R1010 | bzip(HMM:1.2e-08) |
| 1543 | 1572_2.R1010 | bzip(HMM:1.5e-10) |
| 1544 | 75128_1.R1010 | bzip(HMM:1.6e-05) |
| 1545 | 26232_1.R1010 | bzip(HMM:1.6e-14) |
| 1546 | jC-atX25035Q1E1D03a1 | bzip(HMM:1.7e-05) |
| 1547 | 61046_1.R1010 | bzip(HMM:1.9e-11) |
| 1548 | 29897_1.R1010 | bzip(HMM:2.1e-13) |
| 1549 | 12984_1.R1010 | bzip(HMM:2.6e-12) |
| 1550 | 1054_1.R1010 | bzip(HMM:3.2e-05) |
| 1551 | LIB3177-079-P1-K1-A10 | bzip(HMM:3.3e-09) |
| 1552 | 1476_1.R1010 | bzip(HMM:3.3e-15) |
| 1553 | 76_1.R1010 | bzip(HMM:3.3e-15) |
| 1554 | 550266 | bzip(HMM:3.3e-22) |
| 1555 | 641_1.R1010 | bzip(HMM:3.3e-22) |
| 1556 | 23422_1.R1010 | bzip(HMM:3.8e-14) |
| 1557 | 11113_1.R1010 | bzip(HMM:4.5e-16) |
| 1558 | 363_1.R1010 | bzip(HMM:4.9e-17) |
| 1559 | 2733320 | bzip(HMM:4e-05) |
| 1560 | 1251_1.R1010 | bzip(HMM:4e-05) |
| 1561 | LIB3234-037-P1-K1-B12 | bzip(HMM:4e-07) |
| 1562 | 12984_2.R1010 | bzip(HMM:5.1e-12) |
| 1563 | 120237_1.R1010 | bzip(HMM:5.6e-14) |
| 1564 | 640_1.R1010 | bzip(HMM:5.6e-21) |
| 1565 | 639_1.R1010 | bzip(HMM:5.8e-24) |
| 1566 | 70681_1.R1010 | bzip(HMM:6.2e-09) |
| 1567 | 5890_1.R1010 | bzip(HMM:6e-12) |
| 1568 | 5714_1.R1010 | bzip(HMM:8.4e-12) |
| 1569 | jC-atXLIB327408P4a12b1 | bzip(HMM:9.3e-07) |
| 1570 | 30010_1.R1010 | bzip(HMM:9.5e-06) |
| 1571 | 24151_1.R1010 | "cbfd_nfyb_hmf(HMM:0.053),hi stone(HMM:1e-50)" |
| 1572 | 24151_2.R1010 | "cbfd_nfyb_hmf(HMM:0.053),hi stone(HMM:4.1e-50)" |
| 1573 | 9295_1.R1010 | "cbfd_nfyb_hmf(HMM:0.074),hi stone(HMM:3.1e-47)" |
| 1574 | LIB3176-111-P1-K1-D7 | "cbfd_nfyb_hmf(HMM:0.078),hi stone(HMM:4e-49)" |
| 1575 | 751_1.R1010 | cbfd_nfyb_hmf(HMM:1.2e-23) |
| 1576 | 750_1.R1010 | cbfd_nfyb_hmf(HMM:1.3e-21) |
| 1577 | 750_2.R1010 | cbfd_nfyb_hmf(HMM:1.3e-21) |
| 1578 | 17669_1.R1010 | cbfd_nfyb_hmf(HMM:1.6e-29) |
| 1579 | 748_1.R1010 | cbfd_nfyb_hmf(HMM:1e-37) |
| 1580 | 749_1.R1010 | cbfd_nfyb_hmf(HMM:4.9e-39) |

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| 1581 | 54638_1.R1010 | cbfd_nfyb_hmf(HMM:5.7e-22) |
| 1582 | 818_1.R1010 | cbfd_nfyb_hmf(HMM:6.3e-30) |
| 1583 | LIB3176-087-P1-K1-A8 | cbfd_nfyb_hmf(HMM:6e-09) |
| 1584 | 4774_1.R1010 | cbfd_nfyb_hmf(HMM:8e-23) |
| 1585 | LIB22-030-Q1-E1-F4 | chromo(HMM:0.00065) |
| 1586 | 8344_1.R1010 | chromo(HMM:4.6e-19) |
| 1587 | 1537_1.R1010 | "csd(HMM:1.3e-21),zf-cchc(HMM:2.2e-14)" |
| 1588 | 38643_1.R1010 | csd(HMM:3.2e-19) |
| 1589 | 1360_1.R1010 | "csd(HMM:4.5e-22),zf-cchc(HMM:2.2e-14)" |
| 1590 | 905705 | csd(HMM:5.3e-21) |
| 1591 | 22291_1.R1010 | csd(HMM:6.8e-23) |
| 1592 | jC-atXLIB327425P3h08b1 | dof(HMM:0.13) |
| 1593 | LIB3175-077-P1-K1-C12 | dof(HMM:0.64) |
| 1594 | jC-atXLIB327417P2a09b1 | dof(HMM:1.2e-35) |
| 1595 | 424_1.R1010 | dof(HMM:1.2e-36) |
| 1596 | 16909_1.R1010 | dof(HMM:1.4e-33) |
| 1597 | jC-atXLIB327410P4h02a1 | dof(HMM:1.4e-34) |
| 1598 | PLN_g3386547 | dof(HMM:1.4e-34) |
| 1599 | 425_1.R1010 | dof(HMM:1.6e-36) |
| 1600 | 45689_1.R1010 | dof(HMM:1.9e-34) |
| 1601 | 4477_2.R1010 | dof(HMM:1.9e-35) |
| 1602 | PLN_g1212758 | dof(HMM:2.2e-36) |
| 1603 | 63890_1.R1010 | dof(HMM:2.3e-35) |
| 1604 | 1800_1.R1010 | dof(HMM:3.2e-35) |
| 1605 | 43095_1.R1010 | dof(HMM:3.5e-32) |
| 1606 | 8932_1.R1010 | dof(HMM:3.6e-35) |
| 1607 | 1054280 | dof(HMM:4.3e-35) |
| 1608 | 541_2.R1010 | dof(HMM:4.3e-36) |
| 1609 | 541_4.R1010 | dof(HMM:4.3e-36) |
| 1610 | 931090 | dof(HMM:4.6e-32) |
| 1611 | 100709_1.R1010 | dof(HMM:4.6e-36) |
| 1612 | LIB22-068-Q1-E1-C6 | dof(HMM:5.1) |
| 1613 | 21243_1.R1010 | dof(HMM:5.1e-11) |
| 1614 | 13728_1.R1010 | dof(HMM:6.4e-33) |
| 1615 | 5321_1.R1010 | dof(HMM:6.9e-36) |
| 1616 | 43095_2.R1010 | dof(HMM:8.2e-32) |
| 1617 | 2763897 | dof(HMM:8.8e-29) |
| 1618 | LIB3234-033-P1-K1-A2 | dpb(HMM:0.00035) |
| 1619 | 397339 | dpb(HMM:0.024) |
| 1620 | 11557_3.R1010 | dpb(HMM:1.5e-12) |
| 1621 | 234_1.R1010 | dpb(HMM:1.9e-92) |
| 1622 | 52206_1.R1010 | dpb(HMM:2.1e-66) |
| 1623 | jC-atXLIB327408P4a09b1 | dpb(HMM:2.7e-62) |
| 1624 | 2581633 | dpb(HMM:3.2e-41) |
| 1625 | LIB3175-060-P1-K1-A12 | dpb(HMM:3.3e-32) |
| 1626 | 52206_2.R1010 | dpb(HMM:3.6e-18) |
| 1627 | 75516_1.R1010 | dpb(HMM:4.5e-09) |
| 1628 | 11557_1.R1010 | dpb(HMM:5.6e-79) |
| 1629 | LIB3168-079-P1-K1-G7 | enbp(HMM:1.1e-13) |
| 1630 | 2445996 | enbp(HMM:1.9e-10) |
| 1631 | 958145 | enbp(HMM:4.6e-06) |
| 1632 | LIB3234-010-P1-K1-A3 | enbp(HMM:7.4e-15) |

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| 1633 | 5646_1.R1010 | gata(HMM:0.016) |
| 1634 | 82345_1.R1010 | gata(HMM:0.023) |
| 1635 | 1517312 | gata(HMM:1.1e-14) |
| 1636 | 1457_1.R1010 | gata(HMM:1.1e-14) |
| 1637 | 1455_1.R1010 | gata(HMM:1.4e-14) |
| 1638 | 1454_1.R1010 | gata(HMM:1.7e-16) |
| 1639 | 6981_1.R1010 | gata(HMM:2.2e-08) |
| 1640 | 8123_1.R1010 | gata(HMM:2.2e-15) |
| 1641 | 1456_1.R1010 | gata(HMM:3.3e-15) |
| 1642 | 61173_2.R1010 | gata(HMM:3.9e-14) |
| 1643 | jC-atXP102CE2F7T7b1 | gld-tea(HMM:0.00099) |
| 1644 | 25183_1.R1010 | gld-tea(HMM:1.1e-30) |
| 1645 | 28489_1.R1010 | gld-tea(HMM:1.1e-36) |
| 1646 | 118662_1.R1010 | gld-tea(HMM:1.7e-16) |
| 1647 | 487_1.R1010 | "gld-tea(HMM:1e-41),response_reg(HMM:7.4e-35)" |
| 1648 | 27775_1.R1010 | gld-tea(HMM:2.1e-29) |
| 1649 | PLN_g3549642 | "gld-tea(HMM:2.3e-24),response_reg(HMM:3.3e-18)" |
| 1650 | 934014 | gld-tea(HMM:2.3e-31) |
| 1651 | 18366_1.R1010 | gld-tea(HMM:2.3e-32) |
| 1652 | 22389_1.R1010 | gld-tea(HMM:2.4e-30) |
| 1653 | 2759436 | gld-tea(HMM:2.6) |
| 1654 | 634463 | gld-tea(HMM:2.6e-30) |
| 1655 | LIB22-078-Q1-E1-G2 | gld-tea(HMM:3.3e-41) |
| 1656 | 52617_1.R1010 | gld-tea(HMM:5.4e-37) |
| 1657 | LIB24-005-Q1-E1-F2 | gld-tea(HMM:5.8e-06) |
| 1658 | 266_1.R1010 | "gld-tea(HMM:6.1e-43),response_reg(HMM:5.3e-34)" |
| 1659 | 1401_1.R1010 | gld-tea(HMM:6.4e-38) |
| 1660 | 21599_1.R1010 | gld-tea(HMM:8.2e-07) |
| 1661 | 26342_1.R1010 | gld-tea(HMM:8.4e-23) |
| 1662 | 30703_1.R1010 | gld-tea(HMM:8.5e-28) |
| 1663 | LIB3176-021-P1-K1-G10 | gld-tea(HMM:8.7e-10) |
| 1664 | 34019_1.R1010 | gld-tea(HMM:8.8e-38) |
| 1665 | PLN_g3549640 | "gld-tea(HMM:8.8e-38),response_reg(HMM:3.8e-38)" |
| 1666 | jC-atXP86CG9E6T7d2 | "gld-tea(HMM:8.9e-19),response_reg(HMM:8.4e-36)" |
| 1667 | 102479_1.R1010 | gld-tea(HMM:9.2e-17) |
| 1668 | LIB3176-085-P1-K1-E8 | hist_deacetyl(HMM:0.00075) |
| 1669 | 78223_1.R1010 | hist_deacetyl(HMM:0.0019) |
| 1670 | jC-atXP118C145L23092d2 | hist_deacetyl(HMM:0.012) |
| 1671 | 2764107 | hist_deacetyl(HMM:0.25) |
| 1672 | 17470_1.R1010 | hist_deacetyl(HMM:1.4e-35) |
| 1673 | 6666_1.R1010 | hist_deacetyl(HMM:1.6e-16) |
| 1674 | 35178_1.R1010 | hist_deacetyl(HMM:1.7e-11) |
| 1675 | 1576_1.R1010 | hist_deacetyl(HMM:4.5e-181) |
| 1676 | LIB3234-041-P1-K1-H9 | hist_deacetyl(HMM:7.7e-12) |

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| 1677 | 18274_1.R1010 | hist_deacetyl(HMM:8.2e-18) |
| 1678 | jC-alXLIB327434P1h10a1 | hist_deacetyl(HMM:9.3e-16) |
| 1679 | 2758327 | histone(HMM:0.0002) |
| 1680 | jC-alX24124Q1E1H01b1 | histone(HMM:0.00055) |
| 1681 | jC-atX25021Q1E1G06a1 | histone(HMM:0.003) |
| 1682 | LIB3176-119-P2-K1-D9 | histone(HMM:0.0039) |
| 1683 | 2733927 | histone(HMM:0.026) |
| 1684 | LIB24-135-Q1-E1-G8 | histone(HMM:0.05) |
| 1685 | jC-atXLIB327420P2a07a2 | histone(HMM:0.064) |
| 1686 | 2597368 | histone(HMM:0.084) |
| 1687 | jC-atXLIB327413P4c02b1 | histone(HMM:0.27) |
| 1688 | jC-atXLIB327429P4a06b2 | histone(HMM:0.7) |
| 1689 | 16709 | histone(HMM:0.85) |
| 1690 | 936530 | histone(HMM:1.1) |
| 1691 | 27124_3.R1010 | histone(HMM:1.1) |
| 1692 | 716_5.R1010 | histone(HMM:1.1e-46) |
| 1693 | LIB25-044-Q1-E1-B10 | histone(HMM:1.2) |
| 1694 | 22083_3.R1010 | histone(HMM:1.2e-16) |
| 1695 | LIB3175-017-P1-K1-E3 | histone(HMM:1.2e-24) |
| 1696 | 2612_1.R1010 | histone(HMM:1.2e-43) |
| 1697 | LIB3177-019-P1-K2-B11 | histone(HMM:1.3e-07) |
| 1698 | 715_1.R1010 | histone(HMM:1.3e-43) |
| 1699 | 68_1.R1010 | histone(HMM:1.3e-46) |
| 1700 | 7751_1.R1010 | histone(HMM:1.3e-46) |
| 1701 | 716_2.R1010 | histone(HMM:1.4e-31) |
| 1702 | 8542_4.R1010 | histone(HMM:1.4e-34) |
| 1703 | 8542_2.R1010 | histone(HMM:1.5e-12) |
| 1704 | 1053603 | histone(HMM:1.6e-27) |
| 1705 | 11560_1.R1010 | histone(HMM:1e-18) |
| 1706 | 13777_1.R1010 | histone(HMM:1e-18) |
| 1707 | 13777_2.R1010 | histone(HMM:1e-18) |
| 1708 | 22083_1.R1010 | histone(HMM:1e-18) |
| 1709 | 22083_2.R1010 | histone(HMM:1e-18) |
| 1710 | 22083_4.R1010 | histone(HMM:1e-18) |
| 1711 | LIB3176-057-P1-K1-D11 | histone(HMM:1e-46) |
| 1712 | 716_3.R1010 | histone(HMM:1e-48) |
| 1713 | jC-atXP15C106F1T7014a1 | histone(HMM:1e-48) |
| 1714 | 10163_3.R1010 | histone(HMM:2.1e-29) |
| 1715 | 68_3.R1010 | histone(HMM:2.1e-30) |
| 1716 | LIB24-095-Q1-E1-F3 | histone(HMM:2.3e-07) |
| 1717 | 68_6.R1010 | histone(HMM:2.4e-28) |
| 1718 | 11215_1.R1010 | histone(HMM:2.5e-42) |
| 1719 | 716_1.R1010 | histone(HMM:2.5e-48) |
| 1720 | jC-atXLIB327420P2a03a2 | histone(HMM:2.8e-08) |
| 1721 | LIB3176-038-P1-K1-A3 | histone(HMM:2.8e-40) |
| 1722 | LIB3175-021-P1-K1-D3 | histone(HMM:3.2e-24) |
| 1723 | LIB3176-027-P1-K1-F11 | histone(HMM:3.8e-46) |
| 1724 | 862_1.R1010 | histone(HMM:3.9e-39) |
| 1725 | 1217149 | histone(HMM:3e-27) |
| 1726 | LIB3176-118-P2-K1-B11 | histone(HMM:3e-39) |
| 1727 | LIB25-036-Q1-E1-B4 | histone(HMM:4.2e-14) |
| 1728 | LIB25-057-Q1-E1-E3 | histone(HMM:4.2e-14) |
| 1729 | jC-atXLIB327427P4b02a2 | histone(HMM:4.7e-14) |
| 1730 | 77_6.R1010 | histone(HMM:4.8e-47) |

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| 1731 | 8542_1.R1010 | histone(HMM:4.8e-47) |
| 1732 | 8542_3.R1010 | histone(HMM:4.8e-47) |
| 1733 | jC-atXLIB327407Pla06b2 | histone(HMM:4.9e-05) |
| 1734 | 68_5.R1010 | histone(HMM:4e-22) |
| 1735 | LIB3175-015-P1-K1-E7 | histone(HMM:5.1e-15) |
| 1736 | LIB25-102-Q1-E1-G8 | histone(HMM:5.1e-17) |
| 1737 | 716_6.R1010 | histone(HMM:5.1e-45) |
| 1738 | 27124_4.R1010 | histone(HMM:5.3e-13) |
| 1739 | LIB3177-013-P1-K2-F8 | histone(HMM:5.3e-19) |
| 1740 | 8397_1.R1010 | histone(HMM:5.3e-52) |
| 1741 | LIB25-104-Q1-E1-C11 | histone(HMM:5.4e-08) |
| 1742 | LIB3177-019-P1-K1-B5 | histone(HMM:5.8) |
| 1743 | 10163_1.R1010 | histone(HMM:5.8e-50) |
| 1744 | LIB24-125-Q1-E1-F5 | histone(HMM:6.1e-05) |
| 1745 | LIB3175-033-P1-K1-A2 | histone(HMM:6.2e-14) |
| 1746 | 17255_1.R1010 | histone(HMM:6.5e-37) |
| 1747 | jC-atXP96CH2D3T7b1 | histone(HMM:6.9e-44) |
| 1748 | LIB3176-033-P1-K1-B1 | histone(HMM:7.3e-25) |
| 1749 | 153419_1.R1010 | histone(HMM:7.6e-35) |
| 1750 | LIB3168-032-P1-K1-D3 | histone(HMM:7.8e-14) |
| 1751 | 13669_1.R1010 | histone(HMM:8.2e-07) |
| 1752 | 716_4.R1010 | histone(HMM:8.3e-26) |
| 1753 | 2733879 | histone(HMM:8.4e-11) |
| 1754 | LIB3177-096-P1-K1-A8 | histone(HMM:8.8e-19) |
| 1755 | 27124_1.R1010 | histone(HMM:9.5e-50) |
| 1756 | 2758283 | histone(HMM:9.7e-13) |
| 1757 | 31420_1.R1010 | hlh(HMM:0.0018) |
| 1758 | LIB3176-112-P1-K1-G6 | hlh(HMM:0.0038) |
| 1759 | jC-atXB810f2 | hlh(HMM:0.0055) |
| 1760 | 17198_1.R1010 | hlh(HMM:0.008) |
| 1761 | 87116_1.R1010 | hlh(HMM:0.013) |
| 1762 | 117793_1.R1010 | hlh(HMM:0.019) |
| 1763 | 119888_1.R1010 | hlh(HMM:0.025) |
| 1764 | 71697_1.R1010 | hlh(HMM:0.04) |
| 1765 | 116704_1.R1010 | hlh(HMM:0.048) |
| 1766 | jC-atXP104CE10B1T7b1 | hlh(HMM:0.08) |
| 1767 | LIB24-109-Q1-E1-B3 | hlh(HMM:0.092) |
| 1768 | 35834_1.R1010 | hlh(HMM:0.13) |
| 1769 | 20469_1.R1010 | hlh(HMM:1.1e-07) |
| 1770 | 6545_1.R1010 | hlh(HMM:1.2e-12) |
| 1771 | 72703_1.R1010 | hlh(HMM:1.2e-14) |
| 1772 | 27829_1.R1010 | hlh(HMM:1.3e-09) |
| 1773 | 46829_2.R1010 | hlh(HMM:1.5e-07) |
| 1774 | 33631_1.R1010 | hlh(HMM:2.3e-07) |
| 1775 | 53493_1.R1010 | hlh(HMM:2.3e-12) |
| 1776 | 4019_2.R1010 | hlh(HMM:2.6e-05) |
| 1777 | 11026_1.R1010 | hlh(HMM:2.7e-13) |
| 1778 | 10361_1.R1010 | hlh(HMM:2.8e-06) |
| 1779 | 34071_1.R1010 | hlh(HMM:3.1e-09) |
| 1780 | 1520719 | hlh(HMM:3.5e-09) |
| 1781 | 115339_1.R1010 | hlh(HMM:3.5e-09) |
| 1782 | 115339_2.R1010 | hlh(HMM:3.5e-09) |
| 1783 | 1622_1.R1010 | hlh(HMM:3.5e-15) |
| 1784 | 38578_1.R1010 | hlh(HMM:3.7e-09) |

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| 1785 | LIB24-131-Q1-E1-G6 | hlh(HMM:3e-07) |
| 1786 | 349_1.R1010 | hlh(HMM:4.4e-15) |
| 1787 | 634586 | hlh(HMM:6.7e-15) |
| 1788 | 4766_1.R1010 | hlh(HMM:7.1e-06) |
| 1789 | 4019_3.R1010 | hlh(HMM:7.3e-07) |
| 1790 | ARABL1-044-Q1-E1-D5 | hlh(HMM:7.8e-05) |
| 1791 | jC-atXP123C118M3T7086a1 | hlh(HMM:7.9e-12) |
| 1792 | LIB3234-048-P1-K1-B10 | hlh(HMM:7e-05) |
| 1793 | 1828_1.R1010 | hlh(HMM:8.7e-17) |
| 1794 | 32520_1.R1010 | hlh(HMM:8.8e-10) |
| 1795 | jC-atXB810a2 | hlh(HMM:9.3) |
| 1796 | 501883 | hlh(HMM:9.7) |
| 1797 | 80254_1.R1010 | hmg_box(HMM:0.0019) |
| 1798 | jC-alXLIB327436P3d04b1 | hmg_box(HMM:0.0021) |
| 1799 | jC-atXP26C128I4T7007a1 | hmg_box(HMM:0.0023) |
| 1800 | jC-atXP26C126I14T7089a1 | hmg_box(HMM:0.0031) |
| 1801 | jC-atXP53C184I7T7093d1 | hmg_box(HMM:0.0039) |
| 1802 | LIB3176-115-P2-K1-H1 | hmg_box(HMM:0.0078) |
| 1803 | jC-atXP26C126F19T7049a1 | hmg_box(HMM:0.015) |
| 1804 | 16353_1.R1010 | hmg_box(HMM:0.016) |
| 1805 | 879_1.R1010 | hmg_box(HMM:1.1e-25) |
| 1806 | 876_10.R1010 | hmg_box(HMM:1.2e-17) |
| 1807 | 876_3.R1010 | hmg_box(HMM:1.4) |
| 1808 | jC-atXP26C128L23T7016a1 | hmg_box(HMM:1.6e-09) |
| 1809 | 907193 | hmg_box(HMM:2.5e-08) |
| 1810 | 116866_1.R1010 | hmg_box(HMM:2.5e-13) |
| 1811 | 877_3.R1010 | hmg_box(HMM:2e-28) |
| 1812 | 876_5.R1010 | hmg_box(HMM:3.3e-31) |
| 1813 | 7619_1.R1010 | hmg_box(HMM:3.8e-06) |
| 1814 | 875_1.R1010 | hmg_box(HMM:3.8e-30) |
| 1815 | 876_1.R1010 | hmg_box(HMM:3.8e-31) |
| 1816 | 880_1.R1010 | hmg_box(HMM:3.9e-29) |
| 1817 | jC-atXP26C124O14T7020a1 | hmg_box(HMM:4.2) |
| 1818 | jC-atXP96CH2C4T7b1 | hmg_box(HMM:4.7e-23) |
| 1819 | 877_1.R1010 | hmg_box(HMM:5.2e-33) |
| 1820 | 877_2.R1010 | hmg_box(HMM:5.2e-33) |
| 1821 | jC-atXP26C126K18T7090a1 | hmg_box(HMM:5.4e-23) |
| 1822 | jC-atXP26C124N23T7004a1 | hmg_box(HMM:6.4e-08) |
| 1823 | 859_1.R1010 | hmg_box(HMM:8e-20) |
| 1824 | 903_1.R1010 | "homeobox(HMM:0.00014),phd(HMM:4.1e-14)" |
| 1825 | 1938_1.R1010 | "homeobox(HMM:0.00023),homeobox_knox3(5.8e-36)" |
| 1826 | LIB3176-029-P1-K1-C6 | homeobox(HMM:0.00066) |
| 1827 | 515609 | "homeobox(HMM:0.0048),homeobox_knox3(9.0e-13),homeobox_mat(0.0006)" |
| 1828 | 990_1.R1010 | "homeobox(HMM:0.008),homeobox_knox3(7.1e-22)" |
| 1829 | 992_1.R1010 | "homeobox(HMM:0.0082),homeobox_knox3(1.7e-21)" |
| 1830 | 1362_1.R1010 | "homeobox(HMM:0.0089),homeobox_knox3(1.2e-12)" |
| 1831 | 991_1.R1010 | "homeobox(HMM:0.011),homeo |

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| 1832 | 906539 | box_knox3(2.4e-22)" |
| 1833 | jC-atXLIB327408P2c09a1 | "homeobox(HMM:0.016),homeobox_knox3(6.5e-23)" |
| 1834 | 713_1.R1010 | "homeobox(HMM:0.036),homeobox_knox3(3.0e-10)" |
| 1835 | PLN_g424105 | "homeobox(HMM:0.036),homeobox_knox3(4.5e-10)" |
| 1836 | 20074_1.R1010 | homeobox(HMM:0.054) |
| 1837 | 987718 | homeobox(HMM:0.13) |
| 1838 | 24020_1.R1010 | homeobox(HMM:0.89) |
| 1839 | 304_1.R1010 | homeobox(HMM:1.1e-16) |
| 1840 | 906459 | homeobox(HMM:1.2e-17) |
| 1841 | 13184_1.R1010 | homeobox(HMM:1.2e-18) |
| 1842 | 523_1.R1010 | homeobox(HMM:1.2e-18) |
| 1843 | 1945_1.R1010 | homeobox(HMM:1.4e-19) |
| 1844 | 786_1.R1010 | homeobox(HMM:1.5e-17) |
| 1845 | jC-atXP65C208D10T7085d1 | homeobox(HMM:1.6e-20) |
| 1846 | 1548_2.R1010 | homeobox(HMM:1.6e-20) |
| 1847 | LIB35-011-Q1-E1-H5 | homeobox(HMM:1.9e-14) |
| 1848 | 16351_1.R1010 | homeobox(HMM:2.1e-08) |
| 1849 | PLN_g1694712 | homeobox(HMM:2.3e-18) |
| 1850 | 526_1.R1010 | homeobox(HMM:2.6e-15) |
| 1851 | 524_2.R1010 | "homeobox(HMM:2.7e-05),homeobox_knox3(1.0e-32)" |
| 1852 | 12540_1.R1010 | homeobox(HMM:2.9e-11) |
| 1853 | 1517240 | homeobox(HMM:2e-15) |
| 1854 | 787_6.R1010 | homeobox(HMM:3.4e-14) |
| 1855 | PLN_g16333 | homeobox(HMM:3.5e-19) |
| 1856 | PLN_g16325 | homeobox(HMM:3.5e-19) |
| 1857 | 786_5.R1010 | "homeobox(HMM:4.2e-05),phd(HMM:5.4e-14)" |
| 1858 | 9463_1.R1010 | homeobox(HMM:4.2e-11) |
| 1859 | 307_1.R1010 | homeobox(HMM:4.3e-13) |
| 1860 | 525_1.R1010 | homeobox(HMM:4.3e-15) |
| 1861 | 6707_1.R1010 | homeobox(HMM:4.6e-18) |
| 1862 | 524_1.R1010 | homeobox(HMM:4.7) |
| 1863 | 69_1.R1010 | homeobox(HMM:4.8e-19) |
| 1864 | PLN_g16178 | homeobox(HMM:4e-16) |
| 1865 | 1433_1.R1010 | homeobox(HMM:4e-16) |
| 1866 | 306_1.R1010 | homeobox(HMM:5.1e-20) |
| 1867 | 305_1.R1010 | homeobox(HMM:5.5e-15) |
| 1868 | 63323_1.R1010 | homeobox(HMM:6.4e-15) |
| 1869 | 786_3.R1010 | homeobox(HMM:7.7e-18) |
| 1870 | jC-atXP112C132D23T7a1 | homeobox(HMM:7.8e-16) |
| 1871 | jC-atXP82CG2G3T7d3 | homeobox(HMM:8.7e-14) |
| 1872 | LIB3176-040-P1-K1-F6 | homeobox_knox3(3.9e-27) |
| 1873 | 1268568 | homeobox_knox3(4.6e-07) |
| 1874 | 2759253 | homeobox_knox3(9.4e-13) |
| 1875 | 2996_1.R1010 | hsf_dna-bind(HMM:0.28) |
| 1876 | 944_1.R1010 | hsf_dna-bind(HMM:1.1e-22) |
| 1877 | 119770_1.R1010 | hsf_dna-bind(HMM:1.2e-65) |
| 1878 | jC-atXP124C125H21T7d1 | hsf_dna-bind(HMM:1.5e-39) |
| 1879 | 13823_1.R1010 | hsf_dna-bind(HMM:1.6e-11) |
| | | hsf_dna-bind(HMM:1e-36) |

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| 1880 | 268_1.R1010 | hsf_dna-bind(HMM:2.6e-98) |
| 1881 | PLN_g3256067 | hsf_dna-bind(HMM:3.3e-89) |
| 1882 | 5332_1.R1010 | hsf_dna-bind(HMM:6.4e-39) |
| 1883 | 30824_1.R1010 | hsf_dna-bind(HMM:8.1e-52) |
| 1884 | 957701 | hsf_dna-bind(HMM:9.9e-06) |
| 1885 | 32489_1.R1010 | hsf_dna-bind(HMM:9e-12) |
| 1886 | 11068_1.R1010 | iaa(HMM:0.0001) |
| 1887 | 67079_1.R1010 | iaa(HMM:0.00017) |
| 1888 | jC-atXP66C210I12T7005a1 | iaa(HMM:0.0002) |
| 1889 | 2122_2.R1010 | iaa(HMM:0.00027) |
| 1890 | jC-atXLIB327433P2a08a1 | iaa(HMM:0.00032) |
| 1891 | 18819_1.R1010 | iaa(HMM:0.00095) |
| 1892 | jC-atXP102CE3H6T7b1 | iaa(HMM:0.0037) |
| 1893 | 80560_1.R1010 | iaa(HMM:0.0062) |
| 1894 | 4542_1.R1010 | iaa(HMM:0.034) |
| 1895 | 2581617 | iaa(HMM:0.041) |
| 1896 | ARABL1-027-Q1-B1-E5 | iaa(HMM:0.068) |
| 1897 | 1980_2.R1010 | iaa(HMM:0.075) |
| 1898 | 623623 | iaa(HMM:0.083) |
| 1899 | 1829_1.R1010 | iaa(HMM:1.1e-51) |
| 1900 | 25194_1.R1010 | iaa(HMM:1.2e-08) |
| 1901 | 183_2.R1010 | iaa(HMM:1.4e-54) |
| 1902 | LIB3177-097-P1-K1-D6 | iaa(HMM:1.5e-15) |
| 1903 | 1980_1.R1010 | iaa(HMM:1.5e-69) |
| 1904 | 123277_1.R1010 | iaa(HMM:1.6e-19) |
| 1905 | 1827_1.R1010 | iaa(HMM:1.6e-68) |
| 1906 | PLN_g16198 | iaa(HMM:1.7e-51) |
| 1907 | LIB3176-041-P1-K1-A5 | iaa(HMM:1.9e-15) |
| 1908 | 2122_1.R1010 | iaa(HMM:1e-45) |
| 1909 | jC-atXLIB327412P4c02b1 | iaa(HMM:1e-45) |
| 1910 | 45287_1.R1010 | iaa(HMM:1e-51) |
| 1911 | jC-atXP4C88I23T7076a1 | iaa(HMM:2.1e-28) |
| 1912 | PLN_g972932 | iaa(HMM:2.6e-09) |
| 1913 | 32268_1.R1010 | iaa(HMM:2e-09) |
| 1914 | 2581664 | iaa(HMM:3.1e-21) |
| 1915 | 78392_1.R1010 | iaa(HMM:3.1e-61) |
| 1916 | jC-atXLIB327411P1f02a1 | iaa(HMM:3.4e-44) |
| 1917 | 183_3.R1010 | iaa(HMM:3.4e-58) |
| 1918 | 25194_2.R1010 | iaa(HMM:3.5e-45) |
| 1919 | jC-atXP60C198O12T7040d1 | iaa(HMM:4.3e-12) |
| 1920 | 59298_1.R1010 | iaa(HMM:4.4e-18) |
| 1921 | 61018_1.R1010 | iaa(HMM:4.7e-07) |
| 1922 | jC-atXP71C222G9T7s2 | iaa(HMM:6.1e-05) |
| 1923 | 23678_1.R1010 | iaa(HMM:6.9e-69) |
| 1924 | 210_1.R1010 | iaa(HMM:6e-65) |
| 1925 | 54_1.R1010 | iaa(HMM:7.1e-61) |
| 1926 | jC-atXLIB327414P2b04a1 | iaa(HMM:7.7e-05) |
| 1927 | 8884_1.R1010 | iaa(HMM:9.3e-66) |
| 1928 | LIB3177-048-P1-K1-C12 | iaa(HMM:9.8e-10) |
| 1929 | LIB24-080-Q1-E1-D11 | ibr(HMM:6.6e-05) |
| 1930 | 906045 | k-box(HMM:0.0013) |
| 1931 | 906457 | "k-box(HMM:0.0081),srf- tf(HMM:2.5e-16)" |
| 1932 | 103229_2.R1010 | k-box(HMM:1.3e-23) |

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| 1933 | PLN_g3719214 | "k-box(HMM:1.3e-23),srf- tf(HMM:5.9e-34)" |
| 1934 | PLN_g1737494 | "k-box(HMM:1.5e-32),srf- tf(HMM:1.7e-37)" |
| 1935 | 1917_1.R1010 | "k-box(HMM:1.5e-37),srf- tf(HMM:1.3e-37)" |
| 1936 | jC-atX22033Q1E2A09a1 | k-box(HMM:1.6) |
| 1937 | 1583_1.R1010 | "k-box(HMM:1.6e-39),srf- tf(HMM:7.5e-38)" |
| 1938 | 508_1.R1010 | "k-box(HMM:1.6e-42),srf- tf(HMM:8.5e-37)" |
| 1939 | 738_1.R1010 | "k-box(HMM:1.7e-41),srf- tf(HMM:7.5e-38)" |
| 1940 | 740_3.R1010 | "k-box(HMM:1.8e-06),srf- tf(HMM:5.1e-36)" |
| 1941 | PLN_g1019924 | "k-box(HMM:1.9e-38),srf- tf(HMM:2.9e-38)" |
| 1942 | 871_1.R1010 | "k-box(HMM:1e-28),srf- tf(HMM:1.1e-33)" |
| 1943 | 752_1.R1010 | "k-box(HMM:1e-28),srf- tf(HMM:2.4e-37)" |
| 1944 | 740_2.R1010 | "k-box(HMM:2.1e-15),srf- tf(HMM:5.1e-36)" |
| 1945 | 8965_1.R1010 | "k-box(HMM:2.2e-13),srf- tf(HMM:7.6e-36)" |
| 1946 | 1351_1.R1010 | "k-box(HMM:3.4e-41),srf- tf(HMM:2.8e-37)" |
| 1947 | 906325 | k-box(HMM:3.6e-18) |
| 1948 | PLN_g862641 | "k-box(HMM:3.6e-32),srf- tf(HMM:1.8e-35)" |
| 1949 | 2747387 | "k-box(HMM:4.5),srf- tf(HMM:1.1e-33)" |
| 1950 | 1216678 | k-box(HMM:5.1e-15) |
| 1951 | 1871_1.R1010 | "k-box(HMM:5.2e-11),srf- tf(HMM:5.1e-32)" |
| 1952 | 740_1.R1010 | "k-box(HMM:5.6e-43),srf- tf(HMM:5.6e-36)" |
| 1953 | 1919_1.R1010 | "k-box(HMM:5e-24),srf- tf(HMM:2.6e-32)" |
| 1954 | 2747374 | "k-box(HMM:6.2),srf- tf(HMM:5e-37)" |
| 1955 | 504_1.R1010 | "k-box(HMM:6.7e-25),srf- tf(HMM:5.5e-36)" |
| 1956 | 119869_1.R1010 | k-box(HMM:6.9e-06) |
| 1957 | jC-atXLIB327408P1d08b1 | "k-box(HMM:6.9e-15),srf- tf(HMM:8.1e-35)" |
| 1958 | 739_1.R1010 | "k-box(HMM:7.7e-40),srf- tf(HMM:1.1e-37)" |
| 1959 | 14225_1.R1010 | "k-box(HMM:8.3e-06),srf- tf(HMM:1.5e-27)" |
| 1960 | 8965_3.R1010 | k-box(HMM:8.5e-13) |
| 1961 | jC-atXLIB327423P2e10b1 | keyword:14-3-3(1.0e-10) |
| 1962 | jC-atXLIB327424P1b02a1 | keyword:14-3-3(1.0e-155) |
| 1963 | LIB25-093-Q1-E1-E6 | keyword:14-3-3(1.0e-76) |

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| 1964 | jC-atXLIB327413P3f01b1 | keyword:14-3-3(2.0e-37) |
| 1965 | jC-atXLIB327413P4g01a1 | keyword:14-3-3(2.0e-56) |
| 1966 | jC-atXLIB327409P4c08a1 | keyword:AGAMOUS(7.0e-30) |
| 1967 | ARABL1-032-Q1-E1-B3 | keyword:AGL(1.0e-125) |
| 1968 | ARABL1-031-Q1-E1-G9 | keyword:AGL(2.0e-14) |
| 1969 | ARABL1-031-Q1-E1-B12 | keyword:AGL(4.0e-34) |
| 1970 | 12865_1.R1010 | keyword:AGL(6.0e-41) |
| 1971 | 935541 | keyword:ap2(0.0e+00) |
| 1972 | 132752_1.R1010 | keyword:ap2(0.0e+00) |
| 1973 | 419_1.R1010 | keyword:ap2(0.0e+00) |
| 1974 | 4655_1.R1010 | keyword:ap2(0.0e+00) |
| 1975 | 3449953 | keyword:ap2(1.0e-08) |
| 1976 | LIB22-004-Q1-E1-D12 | keyword:ap2(1.0e-16) |
| 1977 | 3450179 | keyword:ap2(1.0e-170) |
| 1978 | 5199_2.R1010 | keyword:ap2(1.0e-20) |
| 1979 | LIB3176-022-P1-K1-F12 | keyword:ap2(1.0e-25) |
| 1980 | jC-atXLIB327416P3g11b1 | keyword:ap2(1.0e-78) |
| 1981 | jC-atXP89CG6A8T7092d1 | keyword:ap2(2.0e-14) |
| 1982 | jC-atXLIB327434P2c11a1 | keyword:ap2(2.0e-22) |
| 1983 | 2749550 | keyword:ap2(2.0e-33) |
| 1984 | 77044_1.R1010 | keyword:ap2(2.0e-34) |
| 1985 | 496444 | keyword:ap2(2.0e-66) |
| 1986 | 5255_1.R1010 | keyword:ap2(2.0e-77) |
| 1987 | 4590_1.R1010 | keyword:ap2(2.0e-81) |
| 1988 | LIB3175-077-P1-K1-F9 | keyword:ap2(3.0e-25) |
| 1989 | 2393175 | keyword:ap2(3.0e-34) |
| 1990 | jC-atXP66C210C17T7011a1 | keyword:ap2(3.0e-51) |
| 1991 | 470_5.R1010 | keyword:ap2(3.0e-52) |
| 1992 | 2218_1.R1010 | keyword:ap2(3.0e-57) |
| 1993 | jC-atXLIB327413P2a08b1 | keyword:ap2(3.0e-67) |
| 1994 | jC-atXP83C241K21T7050a1 | keyword:ap2(4.0e-09) |
| 1995 | jC-atXP53C185C24T7023d1 | keyword:ap2(4.0e-17) |
| 1996 | LIB22-071-Q1-E1-A2 | keyword:ap2(4.0e-39) |
| 1997 | 501884 | keyword:ap2(4.0e-50) |
| 1998 | jC-atXLIB327432P4f01a1 | keyword:ap2(6.0e-25) |
| 1999 | jC-atXLIB327440P3e04a1 | keyword:ap2(6.0e-35) |
| 2000 | 2218_2.R1010 | keyword:ap2(7.0e-27) |
| 2001 | 2393624 | keyword:ap2(7.0e-42) |
| 2002 | 91510_1.R1010 | keyword:ap2(8.0e-33) |
| 2003 | 5715_2.R1010 | keyword:ap2(8.0e-77) |
| 2004 | jC-atXP6C90J5T7s1 | keyword:ap2(9.0e-43) |
| 2005 | 467_1.R1010 | keyword:AT-hook(1.0e-172) |
| 2006 | LIB22-063-Q1-E1-C11 | keyword:AT-hook(1.0e-25) |
| 2007 | jC-atXLIB327404P4a08b1 | keyword:AT-hook(1.0e-40) |
| 2008 | LIB3176-027-P1-K1-C11 | keyword:AT-hook(3.0e-16) |
| 2009 | 1318_1.R1010 | keyword:bzip(0.0e+00) |
| 2010 | jC-atXLIB327407P1g04a2 | "keyword:bzip(1.0e-17),keyword:homeobox(1.0e-17)" |
| 2011 | 21876_1.R1010 | keyword:bzip(1.0e-31) |
| 2012 | 905603 | keyword:bzip(1.0e-53) |
| 2013 | 1053939 | keyword:bzip(1.0e-55) |
| 2014 | 38177_1.R1010 | keyword:bzip(1.0e-61) |
| 2015 | 402964 | keyword:bzip(2.0e-13) |

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| 2016 | jC-atXLIB327410P4h11a1 | "keyword:bzip(2.0e-35),keyword:homeobox(2.0e-35)" |
| 2017 | LIB24-064-Q1-E1-G3 | keyword:bzip(2.0e-43) |
| 2018 | LIB22-009-Q1-E1-D7 | "keyword:bzip(2.0e-46),keyword:homeobox(2.0e-46)" |
| 2019 | LIB3234-041-P1-K1-H6 | keyword:bzip(2.0e-53) |
| 2020 | jC-atXLIB327424P4g06b1 | keyword:bzip(3.0e-19) |
| 2021 | jC-atXLIB327439P2f05a2 | "keyword:bzip(3.0e-19),keyword:homeobox(3.0e-19)" |
| 2022 | 1318_2.R1010 | keyword:bzip(3.0e-24) |
| 2023 | LIB3234-048-P1-K1-F4 | keyword:bzip(3.0e-32) |
| 2024 | 94252_2.R1010 | "keyword:bzip(3.0e-62),keyword:homeobox(3.0e-62)" |
| 2025 | jC-atXLIB327430P2h03a1 | "keyword:bzip(4.0e-11),keyword:homeobox(4.0e-11)" |
| 2026 | 402959 | keyword:bzip(4.0e-66) |
| 2027 | jC-atXLIB327404P4f06a1 | keyword:bzip(6.0e-24) |
| 2028 | jC-atX24066Q1E1D09b1 | keyword:bzip(6.0e-42) |
| 2029 | LIB24-083-Q1-E1-C4 | keyword:bzip(7.0e-31) |
| 2030 | 94252_1.R1010 | "keyword:bzip(7.0e-71),keyword:homeobox(7.0e-71)" |
| 2031 | 29979_1.R1010 | keyword:bzip(7.0e-98) |
| 2032 | 56920_1.R1010 | keyword:CONSTANS(1.0e-136) |
| 2033 | jC-atXLIB327432P4g06a1 | keyword:CONSTANS(1.0e-17) |
| 2034 | 84391_1.R1010 | keyword:CONSTANS(1.0e-178) |
| 2035 | 2750018 | keyword:CONSTANS(1.0e-57) |
| 2036 | 21891_1.R1010 | keyword:CONSTANS(2.0e-15) |
| 2037 | jC-atXLIB327416P2e02a1 | keyword:CONSTANS(2.0e-23) |
| 2038 | jC-atXLIB327416P2e02b1 | keyword:CONSTANS(2.0e-71) |
| 2039 | jC-atXLIB327416P4e05b1 | keyword:CONSTANS(2.0e-74) |
| 2040 | 84077_1.R1010 | keyword:CONSTANS(3.0e-35) |
| 2041 | 394825 | keyword:CONSTANS(4.0e-09) |
| 2042 | 13864_1.R1010 | keyword:CONSTANS(5.0e-25) |
| 2043 | 15277_1.R1010 | keyword:CONSTANS(5.0e-32) |
| 2044 | 84077_3.R1010 | keyword:CONSTANS(9.0e-25) |
| 2045 | 1420_1.R1010 | keyword:dna-binding(0.0e+00) |
| 2046 | 3546_2.R1010 | keyword:dna-binding(0.0e+00) |
| 2047 | 24889_3.R1010 | keyword:dna-binding(1.0e-08) |
| 2048 | 54355_1.R1010 | keyword:dna-binding(1.0e-09) |
| 2049 | jC-alXLIB327434P3b03b1 | keyword:dna-binding(1.0e-102) |
| 2050 | 315534 | keyword:dna-binding(1.0e-11) |
| 2051 | jC-atXLIB327413Q1B1C08b1 | keyword:dna-binding(1.0e-12) |
| 2052 | jC-atXLIB327418P3e11a2 | keyword:dna-binding(1.0e-18) |
| 2053 | jC-atXP118C155O7T7096a1 | keyword:dna-binding(1.0e-20) |
| 2054 | LIB22-045-Q1-E1-A8 | keyword:dna-binding(1.0e-20) |
| 2055 | LIB3176-009-P1-K2-E12 | keyword:dna-binding(1.0e-32) |
| 2056 | 50530_1.R1010 | keyword:dna-binding(1.0e-37) |
| 2057 | 33009_1.R1010 | keyword:dna-binding(1.0e-39) |

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| 2058 | 4524_1.R1010 | keyword:dna-binding(1.0e-43) |
| 2059 | 36029_1.R1010 | keyword:dna-binding(1.0e-45) |
| 2060 | 315971 | keyword:dna-binding(1.0e-47) |
| 2061 | jC-atXP122C120F1T7052a1 | keyword:dna-binding(1.0e-47) |
| 2062 | 119764_1.R1010 | keyword:dna-binding(1.0e-50) |
| 2063 | LIB24-001-Q1-E1-F8 | keyword:dna-binding(1.0e-53) |
| 2064 | 84130_1.R1010 | keyword:dna-binding(2.0e-10) |
| 2065 | jC-atXP15C106F5T7d1 | keyword:dna-binding(2.0e-11) |
| 2066 | jC-atXLIB327416P3h10b1 | keyword:dna-binding(2.0e-12) |
| 2067 | LIB146-006-Q1-E1-A10 | keyword:dna-binding(2.0e-23) |
| 2068 | LIB3177-088-P1-K1-C2 | keyword:dna-binding(2.0e-25) |
| 2069 | 2048226 | keyword:dna-binding(2.0e-26) |
| 2070 | LIB3168-045-P1-K1-F9 | keyword:dna-binding(2.0e-31) |
| 2071 | LIB3175-024-P1-K1-F6 | keyword:dna-binding(2.0e-40) |
| 2072 | 28466_1.R1010 | keyword:dna-binding(2.0e-41) |
| 2073 | 12312_3.R1010 | keyword:dna-binding(2.0e-56) |
| 2074 | 49568_1.R1010 | keyword:dna-binding(2.0e-67) |
| 2075 | 72470_1.R1010 | keyword:dna-binding(2.0e-75) |
| 2076 | jC-atXP32C147L20T7d2 | keyword:dna-binding(2.0e-98) |
| 2077 | jC-atXP20C115I5T7095a1 | keyword:dna-binding(3.0e-09) |
| 2078 | 115981_1.R1010 | keyword:dna-binding(3.0e-11) |
| 2079 | LIB3176-101-P1-K1-A8 | keyword:dna-binding(3.0e-14) |
| 2080 | 33537_1.R1010 | keyword:dna-binding(3.0e-21) |
| 2081 | LIB3175-029-P1-K1-H1 | keyword:dna-binding(3.0e-29) |
| 2082 | 22735_1.R1010 | keyword:dna-binding(3.0e-37) |
| 2083 | 2597524 | keyword:dna-binding(3.0e-46) |
| 2084 | LIB3168-050-P1-K1-B3 | keyword:dna-binding(3.0e-76) |
| 2085 | 12312_1.R1010 | keyword:dna-binding(4.0e-15) |
| 2086 | 31356_1.R1010 | keyword:dna-binding(4.0e-19) |
| 2087 | jC-atXLIB327432P3d03a1 | keyword:dna-binding(4.0e-50) |
| 2088 | 12312_2.R1010 | keyword:dna-binding(4.0e-53) |
| 2089 | 12570_1.R1010 | keyword:dna-binding(4.0e-56) |
| 2090 | 2413873 | keyword:dna-binding(5.0e-09) |
| 2091 | jC-alX24092Q1E1A05a1 | keyword:dna-binding(5.0e-14) |
| 2092 | jC-atXLIB327428P1h11b2 | keyword:dna-binding(5.0e-26) |
| 2093 | 12570_3.R1010 | keyword:dna-binding(5.0e-49) |
| 2094 | LIB3175-019-P1-K1-D10 | keyword:dna-binding(5.0e-51) |
| 2095 | 12570_4.R1010 | keyword:dna-binding(6.0e-18) |
| 2096 | jC-atXLIB327417P2e01a1 | keyword:dna-binding(6.0e-29) |
| 2097 | 116933_1.R1010 | keyword:dna-binding(6.0e-39) |
| 2098 | 12570_2.R1010 | keyword:dna-binding(6.0e-60) |
| 2099 | jC-atXP32C147M6T7d2 | keyword:dna-binding(6.0e-84) |
| 2100 | 3450011 | keyword:dna-binding(6.0e-86) |
| 2101 | 2596745 | keyword:dna-binding(7.0e-25) |
| 2102 | 24889_1.R1010 | keyword:dna-binding(7.0e-29) |
| 2103 | LIB3175-037-P1-K1-B1 | keyword:dna-binding(8.0e-20) |
| 2104 | jC-atXLIB327424P1b01a1 | keyword:dna-binding(8.0e-46) |
| 2105 | 905518 | keyword:dna-binding(8.0e-56) |
| 2106 | jC-atXLIB327407P3g01b1 | keyword:dna-binding(9.0e-14) |
| 2107 | 2748159 | keyword:dna-binding(9.0e-15) |
| 2108 | LIB3177-019-P1-K1-B4 | keyword:dna-binding(9.0e-22) |
| 2109 | LIB23-006-Q1-E1-F3 | keyword:dna-binding(9.0e-53) |
| 2110 | LIB24-013-Q1-E1-E4 | keyword:enbp(2.0e-27) |
| 2111 | 80146_1.R1010 | keyword:helix-loop-helix(1.0e- |

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| 2112 | jC-atXP71C221K10T7s2 | 51) "keyword:helix-loop-helix(1.0e-51),keyword:dna-binding(1.0e-51)" |
| 2113 | 29033_2.R1010 | "keyword:helix-loop-helix(2.0e-16),keyword:dna-binding(2.0e-16)" |
| 2114 | 24208_1.R1010 | "keyword:helix-loop-helix(3.0e-35),keyword:dna-binding(3.0e-35)" |
| 2115 | 29033_1.R1010 | "keyword:helix-loop-helix(3.0e-56),keyword:dna-binding(3.0e-56)" |
| 2116 | 27932_1.R1010 | keyword:homeobox(1.0e-100) |
| 2117 | 8022_1.R1010 | keyword:homeobox(1.0e-104) |
| 2118 | jC-atXLIB327421P4f06b1 | "keyword:homeobox(1.0e-14),keyword:homeodomain(1.0e-14)" |
| 2119 | jC-atXLIB327427P2a01b1 | "keyword:homeobox(1.0e-20),keyword:Leucine-zipper(1.0e-20)" |
| 2120 | jC-atXLIB327412P1h09b1 | keyword:homeobox(1.0e-28) |
| 2121 | 787_3.R1010 | keyword:homeobox(1.0e-31) |
| 2122 | LIB3175-052-P1-K1-E12 | keyword:homeobox(1.0e-66) |
| 2123 | 2763037 | "keyword:homeobox(2.0e-14),keyword:Leucine-zipper(2.0e-14)" |
| 2124 | jC-atXLIB327412P1f09b1 | "keyword:homeobox(2.0e-19),keyword:Leucine-zipper(2.0e-19)" |
| 2125 | 4534_1.R1010 | keyword:homeobox(2.0e-33) |
| 2126 | 524_3.R1010 | "keyword:homeobox(2.0e-36),keyword:Leucine-zipper(2.0e-36)" |
| 2127 | 937_3.R1010 | keyword:homeobox(2.0e-94) |
| 2128 | 32367_1.R1010 | keyword:homeobox(3.0e-09) |
| 2129 | jC-atXP31C147D12T7d2 | keyword:homeobox(3.0e-48) |
| 2130 | 991_3.R1010 | keyword:homeobox(3.0e-88) |
| 2131 | 63944_1.R1010 | keyword:homeobox(3.0e-99) |
| 2132 | 932917 | "keyword:homeobox(4.0e-14),keyword:Leucine-zipper(4.0e-14)" |
| 2133 | LIB23-026-Q1-E1-A2 | keyword:homeobox(4.0e-49) |
| 2134 | 41720_1.R1010 | "keyword:homeobox(4.0e-65),keyword:homeodomain(4.0e-65)" |
| 2135 | jC-atXLIB327421P2c04b1 | "keyword:homeobox(5.0e-09),keyword:Leucine-zipper(5.0e-09)" |
| 2136 | jC-atXP82CG2G3T7b1 | keyword:homeobox(5.0e-88) |
| 2137 | 46458_1.R1010 | "keyword:homeobox(6.0e-09),keyword:Leucine-zipper(6.0e-09)" |
| 2138 | 88865_1.R1010 | "keyword:homeobox(6.0e- |

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| | | 34),keyword:Leucine-zipper(6.0e-34)" |
| 2139 | LIB3176-033-P1-K1-F7 | keyword:homeobox(6.0e-39) |
| 2140 | LIB3175-034-P1-K1-H4 | keyword:homeobox(6.0e-62) |
| 2141 | LIB3168-070-P1-K1-B5 | keyword:homeobox(7.0e-29) |
| 2142 | 51177_1.R1010 | "keyword:homeobox(7.0e-47),keyword:Leucine-zipper(7.0e-47)" |
| 2143 | 11171_1.R1010 | keyword:homeobox(7.0e-74) |
| 2144 | LIB3176-054-P1-K1-A8 | keyword:homeobox(8.0e-36) |
| 2145 | 56378_1.R1010 | keyword:homeobox(8.0e-75) |
| 2146 | 2048209 | "keyword:homeobox(9.0e-42),keyword:Leucine-zipper(9.0e-42)" |
| 2147 | 1269190 | keyword:homeobox(9.0e-47) |
| 2148 | jC-atXLIB327403P1c08b1 | keyword:homeodomain(1.0e-10) |
| 2149 | 66256_1.R1010 | keyword:homeodomain(1.0e-11) |
| 2150 | 1216646 | keyword:homeodomain(1.0e-41) |
| 2151 | 17808_1.R1010 | keyword:homeodomain(1.0e-44) |
| 2152 | 66895_1.R1010 | keyword:homeodomain(1.0e-49) |
| 2153 | LIB3175-004-P1-K1-E7 | keyword:homeodomain(2.0e-09) |
| 2154 | LIB3234-054-P1-K1-F12 | keyword:homeodomain(2.0e-09) |
| 2155 | 129896_1.R1010 | keyword:homeodomain(2.0e-12) |
| 2156 | LIB3168-035-P1-K1-H3 | keyword:homeodomain(2.0e-22) |
| 2157 | 8758_1.R1010 | keyword:homeodomain(2.0e-31) |
| 2158 | 903_2.R1010 | keyword:homeodomain(2.0e-72) |
| 2159 | jC-atXLIB327406P4d02b2 | keyword:homeodomain(3.0e-24) |
| 2160 | LIB25-029-Q1-E1-F1 | keyword:homeodomain(3.0e-34) |
| 2161 | 935428 | keyword:homeodomain(3.0e-51) |
| 2162 | 4654_1.R1010 | keyword:homeodomain(3.0e-56) |
| 2163 | 13187_1.R1010 | keyword:homeodomain(4.0e-23) |
| 2164 | 46464_1.R1010 | keyword:homeodomain(4.0e-64) |
| 2165 | 2597358 | keyword:homeodomain(5.0e-11) |
| 2166 | 6659_1.R1010 | keyword:homeodomain(5.0e-27) |
| 2167 | LIB3175-044-P1-K1-E2 | keyword:Leucine-zipper(4.0e-13) |
| 2168 | LIB3168-005-P1-K1-G3 | keyword:Leucine-zipper(5.0e-25) |
| 2169 | 2749526 | "keyword:mads(3.0e-09),keyword:AGL(3.0e-09)" |
| 2170 | jC-atXP62C201N18T7020a1 | "keyword:mads(7.0e-17),keyword:AGL(7.0e-17)" |
| 2171 | 744_1.R1010 | keyword:myb(0.0e+00) |
| 2172 | LIB3176-020-P1-K1-B9 | keyword:myb(1.0e-10) |
| 2173 | 22467_1.R1010 | keyword:myb(1.0e-63) |
| 2174 | 30118_1.R1010 | "keyword:myb(2.0e-11),keyword:dna-binding(2.0e-11)" |
| 2175 | LIB3177-038-P1-K1-B12 | "keyword:myb(2.0e-15),keyword:dna-binding(2.0e-15)" |
| 2176 | jC-atXLIB327421P3e08b1 | keyword:myb(2.0e-19) |
| 2177 | 28031_1.R1010 | keyword:myb(2.0e-28) |
| 2178 | 147359_1.R1010 | keyword:myb(3.0e-43) |
| 2179 | LIB35-011-Q1-E1-A10 | "keyword:myb(4.0e-10),keyword:dna-binding(4.0e- |

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| 2180 | LIB3176-001-Q1-K1-E8 | 10)" "keyword:myb(5.0e-15),keyword:dna-binding(5.0e-15)" |
| 2181 | LIB3234-020-P1-K1-D4 | "keyword:myb(5.0e-17),keyword:dna-binding(5.0e-17)" |
| 2182 | LIB35-042-Q1-E1-B7 | keyword:myb(8.0e-38) |
| 2183 | 152400_1.R1010 | keyword:myb(9.0e-52) |
| 2184 | 2048440 | keyword:scarecrow(1.0e-114) |
| 2185 | 2714_1.R1010 | keyword:scarecrow(1.0e-128) |
| 2186 | 757676 | keyword:scarecrow(1.0e-45) |
| 2187 | LIB22-035-Q1-E1-F9 | keyword:scarecrow(1.0e-56) |
| 2188 | 75150_1.R1010 | keyword:scarecrow(2.0e-22) |
| 2189 | 59776_2.R1010 | keyword:scarecrow(2.0e-32) |
| 2190 | jC-atX25092Q1E1A12a1 | keyword:scarecrow(2.0e-35) |
| 2191 | 117936_1.R1010 | keyword:scarecrow(2.0e-63) |
| 2192 | 34737_2.R1010 | keyword:scarecrow(3.0e-27) |
| 2193 | jC-atXP10C95M21T7s1 | keyword:scarecrow(3.0e-59) |
| 2194 | jC-atXP113C229C9T7064a1 | keyword:scarecrow(4.0e-13) |
| 2195 | jC-atXLIB327428P4d10b1 | keyword:scarecrow(4.0e-14) |
| 2196 | 135199_1.R1010 | keyword:scarecrow(5.0e-12) |
| 2197 | jC-atXLIB327407P4b10a1 | keyword:scarecrow(5.0e-13) |
| 2198 | LIB25-017-Q1-E1-A10 | keyword:scarecrow(5.0e-32) |
| 2199 | 12191_1.R1010 | keyword:scarecrow(5.0e-59) |
| 2200 | 7235_1.R1010 | keyword:scarecrow(7.0e-42) |
| 2201 | jC-atXLIB327426P4b12a1 | keyword:scarecrow(8.0e-10) |
| 2202 | 115767_1.R1010 | keyword:scarecrow(8.0e-41) |
| 2203 | jC-atXLIB327432P1f04a1 | keyword:scarecrow(9.0e-24) |
| 2204 | 135411_1.R1010 | keyword:scarecrow(9.0e-26) |
| 2205 | 3450092 | keyword:transcription(0.0e+00) |
| 2206 | jC-atX24106Q1E1F08a1 | keyword:transcription(0.0e+00) |
| 2207 | 3450242 | "keyword:transcription(0.0e+00), keyword:myb(0.0e+00)" |
| 2208 | 9130_1.R1010 | "keyword:transcription(1.0e-08),keyword:myb(1.0e-08)" |
| 2209 | jC-atXLIB327423P2e07a1 | "keyword:transcription(1.0e-08),keyword:myb(1.0e-08)" |
| 2210 | 125586_1.R1010 | keyword:transcription(1.0e-09) |
| 2211 | LIB3177-089-P1-K1-A2 | keyword:transcription(1.0e-09) |
| 2212 | 75270_1.R1010 | keyword:transcription(1.0e-10) |
| 2213 | LIB3168-018-P1-K1-G10 | keyword:transcription(1.0e-10) |
| 2214 | jC-atXLIB327402P1h08b1 | "keyword:transcription(1.0e-10),keyword:myb(1.0e-10)" |
| 2215 | jC-atXLIB327407P1b02b1 | "keyword:transcription(1.0e-10),keyword:myb(1.0e-10)" |
| 2216 | jC-atXLIB327407P2f05b1 | "keyword:transcription(1.0e-10),keyword:myb(1.0e-10)" |
| 2217 | jC-atXLIB327422P1e12b1 | "keyword:transcription(1.0e-10),keyword:myb(1.0e-10)" |
| 2218 | jC-atXLIB327439P2a04b2 | "keyword:transcription(1.0e-10),keyword:myb(1.0e-10)" |
| 2219 | jC-atXP11C97O20T7027d1 | "keyword:transcription(1.0e-10),keyword:myb(1.0e-10)" |

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| 2220 | 7033_3.R1010 | keyword:transcription(1.0e-100) |
| 2221 | 5416_2.R1010 | keyword:transcription(1.0e-102) |
| 2222 | 23652_1.R1010 | "keyword:transcription(1.0e-103),keyword:helix-loop-helix(1.0e-103)" |
| 2223 | 33416_1.R1010 | "keyword:transcription(1.0e-107),keyword:myb(1.0e-107)" |
| 2224 | LIB3234-026-Q1-K1-H11 | "keyword:transcription(1.0e-11),keyword:bzip(1.0e-11)" |
| 2225 | 129514_1.R1010 | "keyword:transcription(1.0e-11),keyword:myb(1.0e-11)" |
| 2226 | 41112_1.R1010 | "keyword:transcription(1.0e-11),keyword:myb(1.0e-11)" |
| 2227 | jC-atXP109C99M15T7s1 | "keyword:transcription(1.0e-11),keyword:myb(1.0e-11)" |
| 2228 | 60749_1.R1010 | keyword:transcription(1.0e-110) |
| 2229 | jC-atXP60C199J4T7044d1 | "keyword:transcription(1.0e-12),keyword:myb(1.0e-12)" |
| 2230 | jC-atXP65C209F6T7072d1 | "keyword:transcription(1.0e-12),keyword:myb(1.0e-12)" |
| 2231 | 1464_1.R1010 | keyword:transcription(1.0e-129) |
| 2232 | 30041_1.R1010 | "keyword:transcription(1.0e-13),keyword:myb(1.0e-13)" |
| 2233 | jC-atXLIB327407P2a05b1 | "keyword:transcription(1.0e-13),keyword:myb(1.0e-13)" |
| 2234 | jC-atXLIB327407P2b06b1 | "keyword:transcription(1.0e-13),keyword:myb(1.0e-13)" |
| 2235 | jC-atXLIB327432P2h05b2 | "keyword:transcription(1.0e-13),keyword:myb(1.0e-13)" |
| 2236 | jC-atXP69C219L23T7039d1 | "keyword:transcription(1.0e-13),keyword:myb(1.0e-13)" |
| 2237 | 745_1.R1010 | keyword:transcription(1.0e-135) |
| 2238 | jC-atXLIB327408P2d04a1 | keyword:transcription(1.0e-14) |
| 2239 | 2753_1.R1010 | "keyword:transcription(1.0e-14),keyword:bzip(1.0e-14)" |
| 2240 | 27966_1.R1010 | keyword:transcription(1.0e-15) |
| 2241 | 73496_1.R1010 | keyword:transcription(1.0e-16) |
| 2242 | jC-atXP70C222C9T7008a1 | keyword:transcription(1.0e-16) |
| 2243 | 112604_1.R1010 | "keyword:transcription(1.0e-16),keyword:bzip(1.0e-16)" |
| 2244 | 746_1.R1010 | keyword:transcription(1.0e-160) |
| 2245 | LIB24-115-Q1-E1-A9 | "keyword:transcription(1.0e-160),keyword:AGL(1.0e-160)" |
| 2246 | 2749226 | "keyword:transcription(1.0e-171),keyword:myb(1.0e-171)" |
| 2247 | 484_1.R1010 | keyword:transcription(1.0e-178) |
| 2248 | 747_1.R1010 | keyword:transcription(1.0e-180) |
| 2249 | LIB3177-022-P1-K2-A6 | keyword:transcription(1.0e-19) |
| 2250 | jC-atXLIB327413P3d05b1 | "keyword:transcription(1.0e-19),keyword:myb(1.0e-19)" |
| 2251 | jC-atXLIB327422P3a10b2 | "keyword:transcription(1.0e-19),keyword:myb(1.0e-19)" |
| 2252 | 2581653 | keyword:transcription(1.0e-22) |
| 2253 | jC-atX22004Q1E1E06a1 | keyword:transcription(1.0e-23) |

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| 2254 | LIB3168-026-P1-K1-H8 | keyword:transcription(1.0e-23) |
| 2255 | 957807 | keyword:transcription(1.0e-32) |
| 2256 | LIB22-016-Q1-E1-G1 | keyword:transcription(1.0e-37) |
| 2257 | LIB3175-038-P1-K1-E2 | keyword:transcription(1.0e-37) |
| 2258 | 484_2.R1010 | keyword:transcription(1.0e-38) |
| 2259 | jC-atXLIB327410P1h01b1 | keyword:transcription(1.0e-38) |
| 2260 | 2965_1.R1010 | keyword:transcription(1.0e-41) |
| 2261 | 5417_1.R1010 | keyword:transcription(1.0e-44) |
| 2262 | 1454_2.R1010 | keyword:transcription(1.0e-47) |
| 2263 | LIB25-021-Q1-E1-F6 | "keyword:transcription(1.0e-51),keyword:AGL(1.0e-51)" |
| 2264 | 483_1.R1010 | keyword:transcription(1.0e-54) |
| 2265 | 2413903 | keyword:transcription(1.0e-59) |
| 2266 | 135726_1.R1010 | keyword:transcription(1.0e-60) |
| 2267 | 4173_2.R1010 | keyword:transcription(1.0e-60) |
| 2268 | LIB146-006-Q1-E1-D8 | "keyword:transcription(1.0e-67),keyword:myb(1.0e-67)" |
| 2269 | 24872_1.R1010 | keyword:transcription(1.0e-68) |
| 2270 | 5362_1.R1010 | keyword:transcription(1.0e-68) |
| 2271 | jC-atXP7C91N10T7s1 | "keyword:transcription(1.0e-80),keyword:myb(1.0e-80)" |
| 2272 | 126613_1.R1010 | keyword:transcription(1.0e-81) |
| 2273 | 117821_1.R1010 | keyword:transcription(2.0e-09) |
| 2274 | jC-atXP70C222C6T7087a1 | keyword:transcription(2.0e-09) |
| 2275 | 33875_1.R1010 | "keyword:transcription(2.0e-09),keyword:dna-binding(2.0e-09)" |
| 2276 | jC-atXLIB327406P3b03b2 | "keyword:transcription(2.0e-09),keyword:myb(2.0e-09)" |
| 2277 | jC-atXLIB327424P3h02b1 | "keyword:transcription(2.0e-09),keyword:myb(2.0e-09)" |
| 2278 | jC-atXLIB327432P2h07b2 | "keyword:transcription(2.0e-09),keyword:myb(2.0e-09)" |
| 2279 | 23953_1.R1010 | "keyword:transcription(2.0e-10),keyword:myb(2.0e-10)" |
| 2280 | jC-atXLIB327401P4c03b2 | "keyword:transcription(2.0e-10),keyword:myb(2.0e-10)" |
| 2281 | jC-atXLIB327412P1a12b1 | "keyword:transcription(2.0e-11),keyword:myb(2.0e-11)" |
| 2282 | jC-atXLIB327422P3h11b2 | "keyword:transcription(2.0e-11),keyword:myb(2.0e-11)" |
| 2283 | 40610_1.R1010 | keyword:transcription(2.0e-12) |
| 2284 | LIB25-036-Q1-E1-B11 | keyword:transcription(2.0e-12) |
| 2285 | 24234_1.R1010 | "keyword:transcription(2.0e-12),keyword:myb(2.0e-12)" |
| 2286 | 33847_1.R1010 | "keyword:transcription(2.0e-12),keyword:myb(2.0e-12)" |
| 2287 | jC-atXLIB327402P1h04b1 | "keyword:transcription(2.0e-12),keyword:myb(2.0e-12)" |
| 2288 | LIB3177-049-P1-K1-C11 | keyword:transcription(2.0e-13) |
| 2289 | 10099_3.R1010 | "keyword:transcription(2.0e-13),keyword:myb(2.0e-13)" |
| 2290 | 66961_1.R1010 | "keyword:transcription(2.0e-13),keyword:myb(2.0e-13)" |

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| 2291 | jC-atXLIB327410P1b07b1 | "keyword:transcription(2.0e-13),keyword:myb(2.0e-13)" |
| 2292 | jC-atXmonuni25Db04b1 | keyword:transcription(2.0e-15) |
| 2293 | 17017_1.R1010 | "keyword:transcription(2.0e-15),keyword:myb(2.0e-15)" |
| 2294 | 4301_1.R1010 | "keyword:transcription(2.0e-15),keyword:myb(2.0e-15)" |
| 2295 | jC-atXLIB327410P4a04b1 | "keyword:transcription(2.0e-15),keyword:myb(2.0e-15)" |
| 2296 | jC-atXLIB327423P4c02b1 | "keyword:transcription(2.0e-15),keyword:myb(2.0e-15)" |
| 2297 | jC-atXLIB327423P4e02b1 | "keyword:transcription(2.0e-15),keyword:myb(2.0e-15)" |
| 2298 | jC-atXLIB327437P2b06a2 | "keyword:transcription(2.0e-15),keyword:myb(2.0e-15)" |
| 2299 | jC-atXP50C179L20T7096d1 | "keyword:transcription(2.0e-15),keyword:myb(2.0e-15)" |
| 2300 | 130123_1.R1010 | keyword:transcription(2.0e-18) |
| 2301 | 78769_2.R1010 | keyword:transcription(2.0e-19) |
| 2302 | jC-atX25027Q1E1G08a1 | keyword:transcription(2.0e-19) |
| 2303 | 123111_1.R1010 | "keyword:transcription(2.0e-19),keyword:myb(2.0e-19)" |
| 2304 | 1242_5.R1010 | keyword:transcription(2.0e-20) |
| 2305 | 7033_1.R1010 | keyword:transcription(2.0e-24) |
| 2306 | LIB3176-039-P1-K1-G11 | keyword:transcription(2.0e-24) |
| 2307 | jC-atXLIB327437P2f03b2 | keyword:transcription(2.0e-25) |
| 2308 | LIB3176-043-P1-K1-F7 | "keyword:transcription(2.0e-25),keyword:myb(2.0e-25)" |
| 2309 | ARABL1-042-Q1-E1-C11 | keyword:transcription(2.0e-26) |
| 2310 | 148635_1.R1010 | keyword:transcription(2.0e-27) |
| 2311 | 3707_1.R1010 | keyword:transcription(2.0e-27) |
| 2312 | 23105_1.R1010 | keyword:transcription(2.0e-28) |
| 2313 | jC-atXP123C119P10T7027a1 | keyword:transcription(2.0e-30) |
| 2314 | LIB23-048-Q1-E1-B1 | keyword:transcription(2.0e-31) |
| 2315 | jC-atXP57C191F16T7058a1 | keyword:transcription(2.0e-32) |
| 2316 | 116873_1.R1010 | keyword:transcription(2.0e-33) |
| 2317 | LIB24-117-Q1-E1-D4 | "keyword:transcription(2.0e-34),keyword:helix-loop-helix(2.0e-34)" |
| 2318 | jC-atXLIB327410P1h01a1 | keyword:transcription(2.0e-35) |
| 2319 | 1268235 | "keyword:transcription(2.0e-36),keyword:bzip(2.0e-36)" |
| 2320 | 2722407 | keyword:transcription(2.0e-37) |
| 2321 | 199_7.R1010 | keyword:transcription(2.0e-38) |
| 2322 | jC-atXP100C269G1T7b1 | keyword:transcription(2.0e-38) |
| 2323 | 73529_1.R1010 | keyword:transcription(2.0e-40) |
| 2324 | 14869_1.R1010 | keyword:transcription(2.0e-41) |
| 2325 | 25965_1.R1010 | "keyword:transcription(2.0e-41),keyword:myb(2.0e-41),keyword:dna-binding(2.0e-41)" |
| 2326 | LIB3168-071-P1-K1-E9 | "keyword:transcription(2.0e-42),keyword:myb(2.0e-42)" |
| 2327 | 2413363 | "keyword:transcription(2.0e- |

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| | | 45),keyword:myb(2.0e-45)" |
| 2328 | 957838 | keyword:transcription(2.0e-48) |
| 2329 | 1251_3.R1010 | keyword:transcription(2.0e-49) |
| 2330 | 1701_1.R1010 | keyword:transcription(2.0e-53) |
| 2331 | 2886_1.R1010 | keyword:transcription(2.0e-53) |
| 2332 | 484_4.R1010 | keyword:transcription(2.0e-57) |
| 2333 | 2413906 | keyword:transcription(2.0e-62) |
| 2334 | 199_2.R1010 | keyword:transcription(2.0e-62) |
| 2335 | 1702_2.R1010 | keyword:transcription(2.0e-71) |
| 2336 | 21486_1.R1010 | keyword:transcription(2.0e-71) |
| 2337 | jC-atXP82CG2C1T7d3 | keyword:transcription(2.0e-73) |
| 2338 | 13267_1.R1010 | "keyword:transcription(2.0e-98),keyword:myb(2.0e-98)" |
| 2339 | jC-atXLIB327415P3f10a1 | "keyword:transcription(3.0e-09),keyword:mads(3.0e-09)" |
| 2340 | jC-atXP32C147K3T7d2 | "keyword:transcription(3.0e-09),keyword:myb(3.0e-09)" |
| 2341 | 2739586 | "keyword:transcription(3.0e-09),keyword:scarecrow(3.0e-09)" |
| 2342 | 125611_1.R1010 | keyword:transcription(3.0e-10) |
| 2343 | jC-atXLIB327417P1d12b1 | "keyword:transcription(3.0e-11),keyword:myb(3.0e-11)" |
| 2344 | jC-atXLIB327421P4b05b1 | "keyword:transcription(3.0e-11),keyword:myb(3.0e-11)" |
| 2345 | 20371_1.R1010 | "keyword:transcription(3.0e-12),keyword:mads(3.0e-12)" |
| 2346 | jC-atXP121C118B15T7062d1 | "keyword:transcription(3.0e-12),keyword:myb(3.0e-12)" |
| 2347 | jC-atXLIB327413P3f10b1 | "keyword:transcription(3.0e-13),keyword:myb(3.0e-13)" |
| 2348 | 397313 | keyword:transcription(3.0e-14) |
| 2349 | 90868_1.R1010 | "keyword:transcription(3.0e-14),keyword:myb(3.0e-14)" |
| 2350 | jC-atXLIB327413P3a02b1 | "keyword:transcription(3.0e-14),keyword:myb(3.0e-14)" |
| 2351 | jC-atXLIB327437P2c10a2 | "keyword:transcription(3.0e-14),keyword:myb(3.0e-14)" |
| 2352 | 21472_1.R1010 | keyword:transcription(3.0e-15) |
| 2353 | 43837_1.R1010 | "keyword:transcription(3.0e-15),keyword:myb(3.0e-15)" |
| 2354 | jC-atXLIB327423P3d05b1 | "keyword:transcription(3.0e-16),keyword:myb(3.0e-16)" |
| 2355 | LIB3176-019-P1-K1-F12 | keyword:transcription(3.0e-17) |
| 2356 | 34038_1.R1010 | "keyword:transcription(3.0e-17),keyword:myb(3.0e-17)" |
| 2357 | jC-atXLIB327407P1d12b1 | "keyword:transcription(3.0e-17),keyword:myb(3.0e-17)" |
| 2358 | jC-atXLIB327416P3a11b1 | "keyword:transcription(3.0e-17),keyword:myb(3.0e-17)" |
| 2359 | 120242_2.R1010 | keyword:transcription(3.0e-20) |
| 2360 | 80106_1.R1010 | keyword:transcription(3.0e-22) |
| 2361 | 36515_1.R1010 | keyword:transcription(3.0e-27) |
| 2362 | 87954_2.R1010 | keyword:transcription(3.0e-28) |
| 2363 | 935761 | keyword:transcription(3.0e-30) |

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| 2364 | 15807_1.R1010 | keyword:transcription(3.0e-30) |
| 2365 | 773531 | "keyword:transcription(3.0e-30),keyword:bzip(3.0e-30)" |
| 2366 | LIB25-059-Q1-E1-G12 | "keyword:transcription(3.0e-35),keyword:bzip(3.0e-35)" |
| 2367 | LIB3234-018-P1-K1-B4 | "keyword:transcription(3.0e-35),keyword:myb(3.0e-35)" |
| 2368 | 120704_1.R1010 | keyword:transcription(3.0e-36) |
| 2369 | 2413827 | keyword:transcription(3.0e-37) |
| 2370 | 7041_1.R1010 | "keyword:transcription(3.0e-37),keyword:myb(3.0e-37),keyword:dna-binding(3.0e-37)" |
| 2371 | 75257_1.R1010 | keyword:transcription(3.0e-50) |
| 2372 | LIB23-054-Q1-E1-A3 | keyword:transcription(3.0e-50) |
| 2373 | LIB3234-084-Q1-K1-D1 | keyword:transcription(3.0e-63) |
| 2374 | 31106_1.R1010 | "keyword:transcription(3.0e-64),keyword:myb(3.0e-64)" |
| 2375 | 5130_1.R1010 | keyword:transcription(3.0e-65) |
| 2376 | 74599_1.R1010 | keyword:transcription(3.0e-69) |
| 2377 | LIB3177-099-P1-K1-G12 | "keyword:transcription(3.0e-72),keyword:myb(3.0e-72)" |
| 2378 | 87285_1.R1010 | "keyword:transcription(3.0e-88),keyword:myb(3.0e-88)" |
| 2379 | jC-atXLIB327408P3c12b1 | "keyword:transcription(4.0e-09),keyword:AGL(4.0e-09)" |
| 2380 | jC-atXLIB327424P1d04b2 | "keyword:transcription(4.0e-10),keyword:myb(4.0e-10)" |
| 2381 | 30731_1.R1010 | keyword:transcription(4.0e-11) |
| 2382 | 2757901 | keyword:transcription(4.0e-12) |
| 2383 | 63254_2.R1010 | keyword:transcription(4.0e-13) |
| 2384 | jC-atXLIB327407P1e12b1 | "keyword:transcription(4.0e-13),keyword:myb(4.0e-13)" |
| 2385 | jC-atXLIB327407P3h10b1 | "keyword:transcription(4.0e-13),keyword:myb(4.0e-13)" |
| 2386 | 8444_1.R1010 | "keyword:transcription(4.0e-15),keyword:bzip(4.0e-15)" |
| 2387 | 36955_1.R1010 | "keyword:transcription(4.0e-15),keyword:myb(4.0e-15)" |
| 2388 | 8612_1.R1010 | "keyword:transcription(4.0e-17),keyword:bzip(4.0e-17)" |
| 2389 | LIB3168-051-P1-K1-C7 | "keyword:transcription(4.0e-17),keyword:myb(4.0e-17)" |
| 2390 | 28758_1.R1010 | "keyword:transcription(4.0e-17),keyword:zinc-finger(4.0e-17)" |
| 2391 | LIB3168-033-P1-K1-C1 | keyword:transcription(4.0e-18) |
| 2392 | jC-atXLIB327408P3c12a1 | "keyword:transcription(4.0e-18),keyword:AGL(4.0e-18)" |
| 2393 | 123109_1.R1010 | "keyword:transcription(4.0e-20),keyword:myb(4.0e-20)" |
| 2394 | jC-atXP61C201E9T7d1 | keyword:transcription(4.0e-21) |
| 2395 | 10519_1.R1010 | keyword:transcription(4.0e-22) |
| 2396 | jC-atXLIB327426P3b06a1 | "keyword:transcription(4.0e- |

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| | | 22),keyword:scarecrow(4.0e-22)" |
| 2397 | jC-atXP96C248B18T7b1 | "keyword:transcription(4.0e-23),keyword:myb(4.0e-23)" |
| 2398 | LIB3234-050-P1-K1-D5 | "keyword:transcription(4.0e-30),keyword:myb(4.0e-30)" |
| 2399 | jC-atXLIB327432P2b08b2 | keyword:transcription(4.0e-35) |
| 2400 | 958051 | keyword:transcription(4.0e-43) |
| 2401 | 6799_1.R1010 | keyword:transcription(4.0e-43) |
| 2402 | LIB3177-044-P1-K2-E1 | keyword:transcription(4.0e-46) |
| 2403 | 2413798 | keyword:transcription(4.0e-48) |
| 2404 | 199_3.R1010 | keyword:transcription(4.0e-49) |
| 2405 | LIB146-010-Q1-E1-A5 | keyword:transcription(4.0e-49) |
| 2406 | LIB3234-008-P1-K1-E6 | keyword:transcription(4.0e-49) |
| 2407 | 1242_1.R1010 | keyword:transcription(4.0e-60) |
| 2408 | 17214_1.R1010 | keyword:transcription(4.0e-63) |
| 2409 | 116091_1.R1010 | keyword:transcription(4.0e-64) |
| 2410 | 70096_1.R1010 | keyword:transcription(4.0e-76) |
| 2411 | 26493_1.R1010 | keyword:transcription(4.0e-79) |
| 2412 | jC-atXLIB327413P2h06b1 | "keyword:transcription(5.0e-10),keyword:myb(5.0e-10)" |
| 2413 | jC-atXLIB327424P3c09b1 | "keyword:transcription(5.0e-10),keyword:myb(5.0e-10)" |
| 2414 | LIB22-002-Q1-E1-F5 | keyword:transcription(5.0e-11) |
| 2415 | jC-atX24061Q1E1B04a1 | keyword:transcription(5.0e-12) |
| 2416 | 116174_1.R1010 | keyword:transcription(5.0e-13) |
| 2417 | LIB3168-094-P1-K1-C1 | keyword:transcription(5.0e-13) |
| 2418 | jC-atXLIB327407P2c07b1 | "keyword:transcription(5.0e-13),keyword:myb(5.0e-13)" |
| 2419 | jC-atXLIB327416P1e04b1 | "keyword:transcription(5.0e-13),keyword:myb(5.0e-13)" |
| 2420 | jC-atXLIB327422P3b10b2 | "keyword:transcription(5.0e-13),keyword:myb(5.0e-13)" |
| 2421 | jC-atXLIB327423P4f04b1 | "keyword:transcription(5.0e-13),keyword:myb(5.0e-13)" |
| 2422 | jC-atXLIB327425P3h02b1 | "keyword:transcription(5.0e-13),keyword:myb(5.0e-13)" |
| 2423 | 19437_1.R1010 | "keyword:transcription(5.0e-14),keyword:myb(5.0e-14)" |
| 2424 | 134494_1.R1010 | keyword:transcription(5.0e-15) |
| 2425 | 19158_1.R1010 | "keyword:transcription(5.0e-18),keyword:myb(5.0e-18)" |
| 2426 | jC-atXLIB327407P2d04b1 | "keyword:transcription(5.0e-18),keyword:myb(5.0e-18)" |
| 2427 | LIB3168-075-P1-K1-A12 | "keyword:transcription(5.0e-21),keyword:myb(5.0e-21)" |
| 2428 | 935191 | keyword:transcription(5.0e-22) |
| 2429 | 95605_2.R1010 | "keyword:transcription(5.0e-31),keyword:helix-loop-helix(5.0e-31)" |
| 2430 | 12063_1.R1010 | keyword:transcription(5.0e-38) |
| 2431 | jC-atXLIB327421P1f03a1 | "keyword:transcription(5.0e-56),keyword:myb(5.0e-56)" |
| 2432 | jC-atXP39C162I3T7s1 | "keyword:transcription(5.0e-62),keyword:myb(5.0e-62)" |

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| 2433 | LIB146-013-Q1-E1-C10 | keyword:transcription(6.0e-10) |
| 2434 | jC-atXLIB327437P2d05a2 | "keyword:transcription(6.0e-10),keyword:myb(6.0e-10)" |
| 2435 | 84570_1.R1010 | "keyword:transcription(6.0e-11),keyword:myb(6.0e-11)" |
| 2436 | LIB23-007-Q1-E1-D7 | keyword:transcription(6.0e-12) |
| 2437 | jC-atXP65C209F23T7096d1 | "keyword:transcription(6.0e-13),keyword:myb(6.0e-13)" |
| 2438 | 30826_1.R1010 | "keyword:transcription(6.0e-16),keyword:myb(6.0e-16)" |
| 2439 | LIB22-035-Q1-E1-E1 | keyword:transcription(6.0e-17) |
| 2440 | 53812_1.R1010 | "keyword:transcription(6.0e-18),keyword:bzip(6.0e-18)" |
| 2441 | jC-atXLIB327406P3c02b2 | "keyword:transcription(6.0e-18),keyword:myb(6.0e-18)" |
| 2442 | jC-atXLIB327407P2a01b1 | "keyword:transcription(6.0e-18),keyword:myb(6.0e-18)" |
| 2443 | 102790_1.R1010 | "keyword:transcription(6.0e-19),keyword:myb(6.0e-19)" |
| 2444 | jC-atXLIB327408P3b01a1 | keyword:transcription(6.0e-20) |
| 2445 | LIB3176-049-P1-K1-C7 | keyword:transcription(6.0e-21) |
| 2446 | 76_2.R1010 | "keyword:transcription(6.0e-21),keyword:dna-binding(6.0e-21)" |
| 2447 | 8150_1.R1010 | keyword:transcription(6.0e-30) |
| 2448 | LIB3234-072-P1-K1-H7 | keyword:transcription(6.0e-35) |
| 2449 | 2413368 | "keyword:transcription(6.0e-38),keyword:myb(6.0e-38)" |
| 2450 | 87954_1.R1010 | keyword:transcription(6.0e-42) |
| 2451 | 2413889 | keyword:transcription(6.0e-63) |
| 2452 | jC-atXLIB327422P3d01b2 | keyword:transcription(6.0e-63) |
| 2453 | jC-atXLIB327410P1d03b1 | "keyword:transcription(7.0e-09),keyword:myb(7.0e-09)" |
| 2454 | jC-atXLIB327413P2c03b1 | "keyword:transcription(7.0e-09),keyword:myb(7.0e-09)" |
| 2455 | 2580901 | keyword:transcription(7.0e-10) |
| 2456 | 123071_1.R1010 | "keyword:transcription(7.0e-13),keyword:myb(7.0e-13)" |
| 2457 | LIB3176-027-P1-K1-F5 | "keyword:transcription(7.0e-15),keyword:myb(7.0e-15)" |
| 2458 | 7041_2.R1010 | "keyword:transcription(7.0e-17),keyword:myb(7.0e-17),keyword:dna-binding(7.0e-17)" |
| 2459 | LIB3168-070-P1-K1-E7 | keyword:transcription(7.0e-23) |
| 2460 | 1456_3.R1010 | keyword:transcription(7.0e-26) |
| 2461 | jC-atXP12C103L19T7087a1 | keyword:transcription(7.0e-26) |
| 2462 | LIB3177-036-P1-K1-B2 | keyword:transcription(7.0e-29) |
| 2463 | 1269428 | keyword:transcription(7.0e-38) |
| 2464 | 88042_1.R1010 | keyword:transcription(7.0e-41) |
| 2465 | LIB3234-019-P1-K1-E12 | keyword:transcription(7.0e-46) |
| 2466 | 937784 | keyword:transcription(7.0e-52) |
| 2467 | LIB22-029-Q1-E1-G9 | keyword:transcription(7.0e-54) |
| 2468 | LIB24-094-Q1-E1-G3 | keyword:transcription(7.0e-59) |

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| 2469 | 199_1.R1010 | keyword:transcription(7.0e-63) |
| 2470 | LIB3175-052-P1-K1-G10 | "keyword:transcription(7.0e-64),keyword:bzip(7.0e-64)" |
| 2471 | LIB3177-055-P1-K1-C3 | keyword:transcription(7.0e-70) |
| 2472 | jC-atXLIB327412P1h12b1 | "keyword:transcription(8.0e-09),keyword:myb(8.0e-09)" |
| 2473 | jC-atXLIB327413P4d02b1 | "keyword:transcription(8.0e-09),keyword:myb(8.0e-09)" |
| 2474 | LIB3234-084-Q1-K1-A4 | keyword:transcription(8.0e-13) |
| 2475 | 129437_1.R1010 | "keyword:transcription(8.0e-13),keyword:myb(8.0e-13)" |
| 2476 | jC-atXLIB327415P3b09b1 | "keyword:transcription(8.0e-15),keyword:myb(8.0e-15)" |
| 2477 | 125840_1.R1010 | "keyword:transcription(8.0e-16),keyword:myb(8.0e-16)" |
| 2478 | 5416_3.R1010 | keyword:transcription(8.0e-20) |
| 2479 | 2869_1.R1010 | "keyword:transcription(8.0e-22),keyword:myb(8.0e-22),keyword:dna-binding(8.0e-22)" |
| 2480 | LIB3234-038-P1-K1-H9 | keyword:transcription(8.0e-28) |
| 2481 | 1053361 | keyword:transcription(8.0e-30) |
| 2482 | LIB3176-028-P1-K1-H11 | keyword:transcription(8.0e-36) |
| 2483 | LIB25-027-Q1-E1-H2 | keyword:transcription(8.0e-46) |
| 2484 | 34883_1.R1010 | keyword:transcription(8.0e-56) |
| 2485 | 8486_1.R1010 | keyword:transcription(8.0e-59) |
| 2486 | jC-atXLIB327408P4h04b1 | "keyword:transcription(8.0e-71),keyword:myb(8.0e-71)" |
| 2487 | jC-atXP12C103L24T7091a1 | keyword:transcription(9.0e-09) |
| 2488 | 26106_1.R1010 | "keyword:transcription(9.0e-12),keyword:myb(9.0e-12)" |
| 2489 | jC-atXP118C144J15T7093d2 | "keyword:transcription(9.0e-13),keyword:myb(9.0e-13)" |
| 2490 | jC-atXLIB327413P3e08b1 | "keyword:transcription(9.0e-15),keyword:myb(9.0e-15)" |
| 2491 | jC-atXLIB327424P1f01b2 | "keyword:transcription(9.0e-15),keyword:myb(9.0e-15)" |
| 2492 | jC-atXmonuni26Ad12a1 | keyword:transcription(9.0e-40) |
| 2493 | 1702_1.R1010 | keyword:transcription(9.0e-51) |
| 2494 | 906440 | keyword:transcription(9.0e-63) |
| 2495 | 17656_1.R1010 | keyword:zinc-finger(0.0e+00) |
| 2496 | LIB3234-080-P1-K1-G6 | keyword:zinc-finger(0.0e+00) |
| 2497 | 2446113 | keyword:zinc-finger(1.0e-09) |
| 2498 | 142749_1.R1010 | keyword:zinc-finger(1.0e-09) |
| 2499 | LIB3175-061-P1-K1-D9 | keyword:zinc-finger(1.0e-09) |
| 2500 | LIB3234-095-P1-K1-H11 | keyword:zinc-finger(1.0e-11) |
| 2501 | 9370_1.R1010 | keyword:zinc-finger(1.0e-114) |
| 2502 | 973_1.R1010 | keyword:zinc-finger(1.0e-116) |
| 2503 | 9986_1.R1010 | keyword:zinc-finger(1.0e-118) |
| 2504 | LIB146-012-Q1-E1-G4 | keyword:zinc-finger(1.0e-12) |
| 2505 | LIB3175-016-P1-K1-G5 | keyword:zinc-finger(1.0e-121) |
| 2506 | 1159660 | keyword:zinc-finger(1.0e-133) |
| 2507 | 930572 | keyword:zinc-finger(1.0e-14) |
| 2508 | 9370_2.R1010 | keyword:zinc-finger(1.0e-14) |

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| 2509 | 7360_1.R1010 | keyword:zinc-finger(1.0e-15) |
| 2510 | LIB22-013-Q1-E1-D12 | keyword:zinc-finger(1.0e-15) |
| 2511 | jC-atXP94CH5G8T7b1 | keyword:zinc-finger(1.0e-152) |
| 2512 | LIB3177-079-P1-K1-E4 | keyword:zinc-finger(1.0e-16) |
| 2513 | 2094_1.R1010 | keyword:zinc-finger(1.0e-169) |
| 2514 | 69843_2.R1010 | keyword:zinc-finger(1.0e-18) |
| 2515 | 2756827 | keyword:zinc-finger(1.0e-23) |
| 2516 | jC-atXLIB327413P4g05a1 | keyword:zinc-finger(1.0e-23) |
| 2517 | 2757000 | keyword:zinc-finger(1.0e-24) |
| 2518 | 25151_1.R1010 | keyword:zinc-finger(1.0e-24) |
| 2519 | jC-atXP115C250H2T7d1 | keyword:zinc-finger(1.0e-29) |
| 2520 | LIB23-036-Q1-E1-E9 | keyword:zinc-finger(1.0e-40) |
| 2521 | 4802_1.R1010 | keyword:zinc-finger(1.0e-42) |
| 2522 | jC-atXP33C148C13T7s2 | "keyword:zinc-finger(1.0e-44),keyword:zinc-finger(1.0e-44)" |
| 2523 | jC-atXP69C219E3T7061a1 | keyword:zinc-finger(1.0e-49) |
| 2524 | LIB3234-085-Q1-K1-B8 | keyword:zinc-finger(1.0e-64) |
| 2525 | 24421_1.R1010 | keyword:zinc-finger(1.0e-70) |
| 2526 | 2596365 | keyword:zinc-finger(2.0e-09) |
| 2527 | 57820_2.R1010 | keyword:zinc-finger(2.0e-11) |
| 2528 | LIB22-021-Q1-E1-G10 | keyword:zinc-finger(2.0e-12) |
| 2529 | 933630 | keyword:zinc-finger(2.0e-14) |
| 2530 | LIB3234-083-Q1-K1-E7 | keyword:zinc-finger(2.0e-14) |
| 2531 | jC-atXLIB327426P2d01b1 | keyword:zinc-finger(2.0e-15) |
| 2532 | 104719_1.R1010 | keyword:zinc-finger(2.0e-18) |
| 2533 | LIB3234-096-P1-K1-G6 | keyword:zinc-finger(2.0e-19) |
| 2534 | 11941_1.R1010 | keyword:zinc-finger(2.0e-22) |
| 2535 | LIB23-054-Q1-E1-F11 | keyword:zinc-finger(2.0e-26) |
| 2536 | 2393482 | "keyword:zinc-finger(2.0e-27),keyword:zinc-finger(2.0e-27)" |
| 2537 | 397327 | keyword:zinc-finger(2.0e-34) |
| 2538 | 2805_1.R1010 | keyword:zinc-finger(2.0e-42) |
| 2539 | 937609 | keyword:zinc-finger(2.0e-47) |
| 2540 | 5216_1.R1010 | keyword:zinc-finger(2.0e-47) |
| 2541 | jC-atXLIB327437P2f01b2 | keyword:zinc-finger(2.0e-49) |
| 2542 | 2094_3.R1010 | keyword:zinc-finger(2.0e-51) |
| 2543 | 58023_1.R1010 | keyword:zinc-finger(2.0e-54) |
| 2544 | jC-atXP118C142N22T7035a1 | keyword:zinc-finger(2.0e-56) |
| 2545 | LIB3234-043-P1-K1-H4 | keyword:zinc-finger(2.0e-62) |
| 2546 | 12614_1.R1010 | keyword:zinc-finger(2.0e-64) |
| 2547 | 48833_1.R1010 | keyword:zinc-finger(2.0e-75) |
| 2548 | 13769_1.R1010 | "keyword:zinc-finger(2.0e-88),keyword:zinc-finger(2.0e-88)" |
| 2549 | 2112_1.R1010 | keyword:zinc-finger(2.0e-95) |
| 2550 | jC-atXP69C218L15T7058a1 | keyword:zinc-finger(3.0e-09) |
| 2551 | LIB3168-084-P1-K1-C4 | keyword:zinc-finger(3.0e-10) |
| 2552 | 2757920 | keyword:zinc-finger(3.0e-13) |
| 2553 | LIB3177-044-P1-K2-A7 | keyword:zinc-finger(3.0e-14) |
| 2554 | 1520759 | keyword:zinc-finger(3.0e-15) |
| 2555 | 15938_1.R1010 | keyword:zinc-finger(3.0e-19) |
| 2556 | 34424_1.R1010 | keyword:zinc-finger(3.0e-19) |

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| 2557 | jC-atXLIB327407P1c04a1 | keyword:zinc-finger(3.0e-20) |
| 2558 | LIB3234-026-Q1-K1-F7 | keyword:zinc-finger(3.0e-21) |
| 2559 | 2759682 | keyword:zinc-finger(3.0e-26) |
| 2560 | LIB22-066-Q1-E1-G9 | keyword:zinc-finger(3.0e-30) |
| 2561 | jC-atXLIB327417P1h12a1 | keyword:zinc-finger(3.0e-31) |
| 2562 | jC-atXP69C219D5T7029a1 | keyword:zinc-finger(3.0e-31) |
| 2563 | 38176_1.R1010 | keyword:zinc-finger(3.0e-38) |
| 2564 | 15536_1.R1010 | keyword:zinc-finger(3.0e-39) |
| 2565 | 69843_1.R1010 | keyword:zinc-finger(3.0e-40) |
| 2566 | LIB3177-044-P1-K2-B7 | keyword:zinc-finger(3.0e-40) |
| 2567 | LIB24-078-Q1-E1-H8 | keyword:zinc-finger(3.0e-41) |
| 2568 | 101306_1.R1010 | keyword:zinc-finger(3.0e-43) |
| 2569 | 4552_1.R1010 | keyword:zinc-finger(3.0e-47) |
| 2570 | 6617_1.R1010 | keyword:zinc-finger(3.0e-49) |
| 2571 | 2112_3.R1010 | keyword:zinc-finger(3.0e-51) |
| 2572 | LIB23-031-Q1-E1-E10 | keyword:zinc-finger(3.0e-55) |
| 2573 | LIB3234-010-P1-K1-B9 | keyword:zinc-finger(3.0e-60) |
| 2574 | jC-atXLIB327431P2d03a1 | keyword:zinc-finger(4.0e-16) |
| 2575 | 2764378 | keyword:zinc-finger(4.0e-17) |
| 2576 | jC-atXLIB327413P4e09b1 | keyword:zinc-finger(4.0e-17) |
| 2577 | LIB24-085-Q1-E1-E9 | keyword:zinc-finger(4.0e-19) |
| 2578 | 8143_1.R1010 | keyword:zinc-finger(4.0e-20) |
| 2579 | 506548 | keyword:zinc-finger(4.0e-22) |
| 2580 | 13864_2.R1010 | keyword:zinc-finger(4.0e-23) |
| 2581 | jC-atXP3C81A7T7020a1 | keyword:zinc-finger(4.0e-23) |
| 2582 | 63653_2.R1010 | keyword:zinc-finger(4.0e-25) |
| 2583 | 33551_1.R1010 | keyword:zinc-finger(4.0e-33) |
| 2584 | 48092_1.R1010 | keyword:zinc-finger(4.0e-34) |
| 2585 | jC-atXLIB327426P1d11b1 | keyword:zinc-finger(4.0e-36) |
| 2586 | 10012_1.R1010 | keyword:zinc-finger(4.0e-37) |
| 2587 | LIB35-054-Q1-E1-B3 | keyword:zinc-finger(4.0e-44) |
| 2588 | jC-atXLIB327435P3e07b1 | keyword:zinc-finger(4.0e-83) |
| 2589 | 2750080 | keyword:zinc-finger(5.0e-13) |
| 2590 | ARABL1-038-Q1-B1-G10 | keyword:zinc-finger(5.0e-13) |
| 2591 | 2596322 | keyword:zinc-finger(5.0e-19) |
| 2592 | LIB3177-016-P1-K1-G2 | keyword:zinc-finger(5.0e-20) |
| 2593 | 119921_1.R1010 | keyword:zinc-finger(5.0e-32) |
| 2594 | 29459_1.R1010 | keyword:zinc-finger(5.0e-35) |
| 2595 | 83449_1.R1010 | keyword:zinc-finger(5.0e-38) |
| 2596 | 101306_2.R1010 | keyword:zinc-finger(5.0e-41) |
| 2597 | jC-atXLIB327410P3b02a1 | keyword:zinc-finger(5.0e-50) |
| 2598 | 9815_1.R1010 | keyword:zinc-finger(5.0e-53) |
| 2599 | LIB25-047-Q1-E1-C1 | keyword:zinc-finger(6.0e-13) |
| 2600 | LIB3234-057-P1-K1-C9 | keyword:zinc-finger(6.0e-14) |
| 2601 | LIB3175-052-P1-K1-H11 | keyword:zinc-finger(6.0e-21) |
| 2602 | 2112_7.R1010 | keyword:zinc-finger(6.0e-25) |
| 2603 | LIB3177-010-P1-K1-A11 | keyword:zinc-finger(6.0e-33) |
| 2604 | jC-atXP87C244H16T7b1 | keyword:zinc-finger(6.0e-54) |
| 2605 | jC-atX25060Q1E1G04a1 | keyword:zinc-finger(6.0e-73) |
| 2606 | 1053262 | keyword:zinc-finger(6.0e-86) |
| 2607 | 18064_1.R1010 | "keyword:zinc-finger(6.0e-98),keyword:zinc-finger(6.0e-98)" |
| 2608 | 6226_1.R1010 | keyword:zinc-finger(7.0e-21) |

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| 2609 | 1932866 | keyword:zinc-finger(7.0e-24) |
| 2610 | 906994 | keyword:zinc-finger(7.0e-37) |
| 2611 | 76960_1.R1010 | keyword:zinc-finger(7.0e-60) |
| 2612 | LIB3177-093-P1-K1-A11 | keyword:zinc-finger(7.0e-65) |
| 2613 | LIB3177-019-P1-K1-E5 | keyword:zinc-finger(8.0e-09) |
| 2614 | jC-atX22051Q1E1D08b1 | keyword:zinc-finger(8.0e-11) |
| 2615 | LIB3168-004-P1-K1-F7 | keyword:zinc-finger(8.0e-15) |
| 2616 | LIB3176-094-P1-K1-G3 | keyword:zinc-finger(8.0e-16) |
| 2617 | 115674_1.R1010 | keyword:zinc-finger(8.0e-31) |
| 2618 | 397182 | keyword:zinc-finger(8.0e-42) |
| 2619 | LIB3168-044-P1-K1-C2 | keyword:zinc-finger(8.0e-59) |
| 2620 | 45108_1.R1010 | keyword:zinc-finger(9.0e-10) |
| 2621 | LIB3176-051-P1-K1-E2 | keyword:zinc-finger(9.0e-15) |
| 2622 | jC-atXLIB327426P1d11a1 | keyword:zinc-finger(9.0e-17) |
| 2623 | 2062896 | keyword:zinc-finger(9.0e-34) |
| 2624 | LIB23-054-Q1-E1-F5 | keyword:zinc-finger(9.0e-35) |
| 2625 | LIB25-033-Q1-E1-H4 | keyword:zinc-finger(9.0e-45) |
| 2626 | 122787_1.R1010 | keyword:zinc-finger(9.0e-69) |
| 2627 | 97662_1.R1010 | lim(HMM:0.0017) |
| 2628 | 1167_2.R1010 | lim(HMM:0.063) |
| 2629 | 32106_1.R1010 | lim(HMM:0.092) |
| 2630 | 13793_1.R1010 | lim(HMM:1.5e-33) |
| 2631 | 32106_2.R1010 | lim(HMM:1.7e-16) |
| 2632 | 50585_1.R1010 | lim(HMM:1.8e-16) |
| 2633 | LIB3176-036-P1-K1-E4 | lim(HMM:2.2e-10) |
| 2634 | 1167_3.R1010 | lim(HMM:2.5e-15) |
| 2635 | 19353_2.R1010 | lim(HMM:3.3e-14) |
| 2636 | LIB22-059-Q1-E1-H4 | lim(HMM:3.4) |
| 2637 | 6243_1.R1010 | lim(HMM:4.1e-35) |
| 2638 | 1167_1.R1010 | lim(HMM:8.3e-35) |
| 2639 | 2763256 | linker_histone(HMM:0.00034) |
| 2640 | LIB3176-036-P1-K1-H7 | linker_histone(HMM:0.00078) |
| 2641 | 11718_17.R1010 | linker_histone(HMM:0.006) |
| 2642 | 697_2.R1010 | linker_histone(HMM:0.01) |
| 2643 | 17727_3.R1010 | linker_histone(HMM:1.6e-06) |
| 2644 | 935999 | linker_histone(HMM:1.6e-28) |
| 2645 | 17727_2.R1010 | linker_histone(HMM:1.8e-10) |
| 2646 | 4256_1.R1010 | linker_histone(HMM:3.3e-22) |
| 2647 | 67_1.R1010 | linker_histone(HMM:3.3e-37) |
| 2648 | 127_1.R1010 | linker_histone(HMM:3e-22) |
| 2649 | 697_1.R1010 | linker_histone(HMM:4e-35) |
| 2650 | jC-atXLIB327426P2e12b1 | linker_histone(HMM:5.5e-24) |
| 2651 | jC-atXP79C238C1T7d2 | linker_histone(HMM:6.3e-15) |
| 2652 | 128_1.R1010 | linker_histone(HMM:7.8e-29) |
| 2653 | 128_3.R1010 | linker_histone(HMM:7.8e-29) |
| 2654 | 398632 | myb_dna-binding(HMM:0.00026) |
| 2655 | 19696_1.R1010 | myb_dna-binding(HMM:0.00029) |
| 2656 | LIB23-041-Q1-E1-G1 | myb_dna-binding(HMM:0.00031) |
| 2657 | 51036_2.R1010 | myb_dna-binding(HMM:0.00038) |
| 2658 | LIB3175-043-P1-K1-A3 | myb_dna- |

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| 2659 | 6718_1.R1010 | binding(HMM:0.00042) |
| 2660 | 29160_1.R1010 | myb_dna-binding(HMM:0.00053) |
| 2661 | LIB23-003-Q1-E1-C10 | myb_dna-binding(HMM:0.00094) |
| 2662 | 22627_1.R1010 | myb_dna-binding(HMM:0.0012) |
| 2663 | 16833 | myb_dna-binding(HMM:0.0013) |
| 2664 | 118469_1.R1010 | myb_dna-binding(HMM:0.0015) |
| 2665 | 2764125 | myb_dna-binding(HMM:0.0021) |
| 2666 | 19235_1.R1010 | myb_dna-binding(HMM:0.0025) |
| 2667 | LIB3168-051-P1-K1-E4 | myb_dna-binding(HMM:0.0028) |
| 2668 | 116942_1.R1010 | myb_dna-binding(HMM:0.0082) |
| 2669 | LIB3175-034-P1-K1-A12 | myb_dna-binding(HMM:0.027) |
| 2670 | 59403_2.R1010 | myb_dna-binding(HMM:0.054) |
| 2671 | 70528_1.R1010 | myb_dna-binding(HMM:0.063) |
| 2672 | LIB146-030-Q1-K1-B6 | myb_dna-binding(HMM:0.14) |
| 2673 | 906292 | myb_dna-binding(HMM:0.14) |
| 2674 | 338_2.R1010 | myb_dna-binding(HMM:0.65) |
| 2675 | 2748969 | myb_dna-binding(HMM:0.85) |
| 2676 | PLN_g1495252 | myb_dna-binding(HMM:0.87) |
| 2677 | LIB23-037-Q1-E1-H11 | myb_dna-binding(HMM:1.1e-46) |
| 2678 | PLN_g455462 | myb_dna-binding(HMM:1.2e-18) |
| 2679 | PLN_g217858 | myb_dna-binding(HMM:1.2e-39) |
| 2680 | PLN_g1254994 | myb_dna-binding(HMM:1.2e-41) |
| 2681 | 21100_1.R1010 | myb_dna-binding(HMM:1.3e-41) |
| 2682 | 337_1.R1010 | myb_dna-binding(HMM:1.3e-42) |
| 2683 | 339_1.R1010 | myb_dna-binding(HMM:1.3e-44) |
| 2684 | LIB3168-071-P1-K1-C6 | myb_dna-binding(HMM:1.3e-44) |
| 2685 | 117448_1.R1010 | myb_dna-binding(HMM:1.4e-09) |
| 2686 | 22848_1.R1010 | myb_dna-binding(HMM:1.4e-17) |
| 2687 | 7193_1.R1010 | myb_dna-binding(HMM:1.4e-18) |
| 2688 | 1751_1.R1010 | myb_dna-binding(HMM:1.5) |
| 2689 | 96_1.R1010 | myb_dna-binding(HMM:1.5e-37) |
| 2690 | 338_1.R1010 | myb_dna-binding(HMM:1.5e-44) |
| 2691 | PLN_g3941471 | myb_dna-binding(HMM:1.5e-45) |
| 2692 | 125583_2.R1010 | myb_dna-binding(HMM:1.6e-38) |
| 2693 | jC-atXN563193a2 | myb_dna-binding(HMM:1.7) |
| 2694 | 117090_1.R1010 | myb_dna-binding(HMM:1.7) |
| 2695 | 1749_1.R1010 | myb_dna-binding(HMM:1.8e-17) |
| 2696 | 33812_1.R1010 | myb_dna-binding(HMM:1.8e-35) |
| 2697 | 21524_1.R1010 | myb_dna-binding(HMM:1.8e-37) |
| 2698 | 1740_1.R1010 | myb_dna-binding(HMM:1.9e-30) |
| 2699 | LIB22-001-Q1-E1-G3 | myb_dna-binding(HMM:1.9e-40) |
| 2700 | 10288_1.R1010 | myb_dna-binding(HMM:2.1e-06) |
| 2701 | 1748_1.R1010 | myb_dna-binding(HMM:2.1e-11) |
| 2702 | 368_1.R1010 | myb_dna-binding(HMM:2.2e-43) |
| 2703 | 25441_1.R1010 | myb_dna-binding(HMM:2.2e-43) |
| 2704 | PLN_g1263092 | myb_dna-binding(HMM:2.2e-45) |
| 2705 | 2763242 | myb_dna-binding(HMM:2.2e-45) |
| 2706 | PLN_g3941435 | myb_dna-binding(HMM:2.3e-16) |
| 2707 | 1753_1.R1010 | myb_dna-binding(HMM:2.3e-39) |
| 2708 | 6889_1.R1010 | myb_dna-binding(HMM:2.4e-44) |
| 2709 | 494_1.R1010 | myb_dna-binding(HMM:2.5e-09) |
| | | myb_dna-binding(HMM:2.5e-11) |

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| 2710 | 1747_2.R1010 | myb_dna-binding(HMM:2.5e-15) |
| 2711 | PLN_g1732512 | myb_dna-binding(HMM:2.5e-42) |
| 2712 | 1752_1.R1010 | myb_dna-binding(HMM:2.5e-45) |
| 2713 | 1750_1.R1010 | myb_dna-binding(HMM:2.6e-38) |
| 2714 | 1744_1.R1010 | myb_dna-binding(HMM:2.6e-41) |
| 2715 | 8478_1.R1010 | myb_dna-binding(HMM:2.7e-09) |
| 2716 | 17177_1.R1010 | myb_dna-binding(HMM:2.7e-31) |
| 2717 | LIB3177-091-P1-K1-F4 | myb_dna-binding(HMM:2.9e-26) |
| 2718 | LIB3177-078-P1-K1-F8 | myb_dna-binding(HMM:2.9e-32) |
| 2719 | 19235_2.R1010 | myb_dna-binding(HMM:2e-05) |
| 2720 | 367_2.R1010 | myb_dna-binding(HMM:3.1e-05) |
| 2721 | PLN_g2280527 | myb_dna-binding(HMM:3.2e-42) |
| 2722 | 725_1.R1010 | myb_dna-binding(HMM:3.2e-44) |
| 2723 | 7193_2.R1010 | myb_dna-binding(HMM:3.4e-43) |
| 2724 | 1033_1.R1010 | myb_dna-binding(HMM:3.7e-41) |
| 2725 | 1338_1.R1010 | myb_dna-binding(HMM:3.8e-11) |
| 2726 | LIB24-006-Q1-E1-A2 | myb_dna-binding(HMM:3.8e-21) |
| 2727 | 1023_1.R1010 | myb_dna-binding(HMM:4.3e-44) |
| 2728 | 1737_1.R1010 | myb_dna-binding(HMM:4.8e-47) |
| 2729 | 1743_1.R1010 | myb_dna-binding(HMM:4.9e-36) |
| 2730 | PLN_g3941467 | myb_dna-binding(HMM:5.1e-36) |
| 2731 | 1333_1.R1010 | myb_dna-binding(HMM:5.1e-46) |
| 2732 | 1738_1.R1010 | myb_dna-binding(HMM:5.1e-46) |
| 2733 | 9038_1.R1010 | myb_dna-binding(HMM:5.3e-12) |
| 2734 | 1034_1.R1010 | myb_dna-binding(HMM:5.4e-16) |
| 2735 | 225_1.R1010 | myb_dna-binding(HMM:5.6e-42) |
| 2736 | 1486_1.R1010 | myb_dna-binding(HMM:5.8e-31) |
| 2737 | 936051 | myb_dna-binding(HMM:5.9e-14) |
| 2738 | PLN_g2832407 | myb_dna-binding(HMM:6.1e-35) |
| 2739 | 1032_1.R1010 | myb_dna-binding(HMM:6.3e-42) |
| 2740 | PLN_g2346965 | myb_dna-binding(HMM:6e-05) |
| 2741 | LIB3175-046-P1-K1-B10 | myb_dna-binding(HMM:6e-22) |
| 2742 | 2757484 | myb_dna-binding(HMM:7.1e-18) |
| 2743 | 1772_2.R1010 | myb_dna-binding(HMM:7.1e-47) |
| 2744 | 1738_2.R1010 | myb_dna-binding(HMM:7.6e-34) |
| 2745 | 10057_1.R1010 | myb_dna-binding(HMM:7e-10) |
| 2746 | 8189_1.R1010 | myb_dna-binding(HMM:7e-20) |
| 2747 | 43001_1.R1010 | myb_dna-binding(HMM:8.3e-10) |
| 2748 | 10057_3.R1010 | myb_dna-binding(HMM:8.6e-10) |
| 2749 | 335_1.R1010 | myb_dna-binding(HMM:8.8e-42) |
| 2750 | 1747_1.R1010 | myb_dna-binding(HMM:8.9e-42) |
| 2751 | 1739_1.R1010 | myb_dna-binding(HMM:9.5e-44) |
| 2752 | 1750_2.R1010 | myb_dna-binding(HMM:9.6e-08) |
| 2753 | LIB3175-061-P1-K1-F8 | nam(HMM:0.0021) |
| 2754 | jC-atXLIB327424P1g06b2 | nam(HMM:0.0048) |
| 2755 | 398614 | nam(HMM:0.04) |
| 2756 | 28582_1.R1010 | nam(HMM:0.2) |
| 2757 | jC-atXLIB327430P1e05b1 | nam(HMM:0.37) |
| 2758 | LIB3175-076-P1-K1-B2 | nam(HMM:0.88) |
| 2759 | 623015 | nam(HMM:1.1e-05) |
| 2760 | 12650_4.R1010 | nam(HMM:1.1e-07) |
| 2761 | 2596320 | nam(HMM:1.1e-15) |
| 2762 | 8647_2.R1010 | nam(HMM:1.1e-35) |
| 2763 | 6414_1.R1010 | nam(HMM:1.1e-78) |

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| 2764 | LIB3234-050-P1-K1-F8 | nam(HMM:1.2e-09) |
| 2765 | LIB3234-059-P1-K1-G11 | nam(HMM:1.2e-22) |
| 2766 | 958017 | nam(HMM:1.2e-26) |
| 2767 | 71466_1.R1010 | nam(HMM:1.3e-17) |
| 2768 | 933621 | nam(HMM:1.3e-26) |
| 2769 | 6010_1.R1010 | nam(HMM:1.3e-80) |
| 2770 | 76966_2.R1010 | nam(HMM:1.4e-20) |
| 2771 | 120288_1.R1010 | nam(HMM:1.4e-78) |
| 2772 | LIB22-002-Q1-E1-D6 | nam(HMM:1.5e-21) |
| 2773 | 7903_1.R1010 | nam(HMM:1.5e-36) |
| 2774 | LIB35-056-Q1-E2-B9 | nam(HMM:1.5e-47) |
| 2775 | 870872 | nam(HMM:1.6e-49) |
| 2776 | 4493_1.R1010 | nam(HMM:1.6e-57) |
| 2777 | 16313_1.R1010 | nam(HMM:1.7e-05) |
| 2778 | 455_1.R1010 | nam(HMM:1.7e-82) |
| 2779 | 2758682 | nam(HMM:1.8e-34) |
| 2780 | 28833_1.R1010 | nam(HMM:1.9e-82) |
| 2781 | LIB3176-085-P1-K1-E10 | nam(HMM:2.1e-10) |
| 2782 | LIB23-062-Q1-E1-C10 | nam(HMM:2.1e-23) |
| 2783 | 12650_1.R1010 | nam(HMM:2.1e-79) |
| 2784 | LIB3168-082-P1-K1-A8 | nam(HMM:2.3e-81) |
| 2785 | ARABL1-033-Q1-B1-G2 | nam(HMM:2.4e-58) |
| 2786 | LIB23-027-Q1-E1-F3 | nam(HMM:2.5e-05) |
| 2787 | LIB24-107-Q1-E1-D7 | nam(HMM:2.6e-07) |
| 2788 | 4281_2.R1010 | nam(HMM:2.6e-10) |
| 2789 | 135_1.R1010 | nam(HMM:2.6e-91) |
| 2790 | 54574_1.R1010 | nam(HMM:2.7e-81) |
| 2791 | LIB23-066-Q1-E1-B1 | nam(HMM:2.8e-33) |
| 2792 | 957497 | nam(HMM:2.8e-59) |
| 2793 | 23543_1.R1010 | nam(HMM:2e-12) |
| 2794 | 521_1.R1010 | nam(HMM:2e-85) |
| 2795 | 17791_1.R1010 | nam(HMM:3.1e-63) |
| 2796 | 3089_1.R1010 | nam(HMM:3.1e-89) |
| 2797 | 24699_1.R1010 | nam(HMM:3.4e-16) |
| 2798 | 19379_1.R1010 | nam(HMM:3.6e-50) |
| 2799 | 1033258 | nam(HMM:3e-07) |
| 2800 | 30659_1.R1010 | nam(HMM:4.1e-10) |
| 2801 | jC-atXP123C117E1T7036d1 | nam(HMM:4.2e-13) |
| 2802 | 12539_1.R1010 | nam(HMM:4.4e-26) |
| 2803 | 2762247 | nam(HMM:4.5e-07) |
| 2804 | jC-atXLIB327408P1d11b1 | nam(HMM:4.5e-59) |
| 2805 | 200_1.R1010 | nam(HMM:4.5e-90) |
| 2806 | ARABL1-045-Q1-B1-E8 | nam(HMM:4.7e-26) |
| 2807 | LIB3175-027-P1-K1-B12 | nam(HMM:4.9e-29) |
| 2808 | 76966_1.R1010 | nam(HMM:5.2e-09) |
| 2809 | 12365_1.R1010 | nam(HMM:5.2e-22) |
| 2810 | 4281_1.R1010 | nam(HMM:5.7e-40) |
| 2811 | 17124_1.R1010 | nam(HMM:5e-58) |
| 2812 | 273_1.R1010 | nam(HMM:6.1e-91) |
| 2813 | 5370_1.R1010 | nam(HMM:6.2e-16) |
| 2814 | LIB35-028-Q1-E1-B12 | nam(HMM:6.7e-06) |
| 2815 | 29965_1.R1010 | nam(HMM:6.7e-59) |
| 2816 | LIB3168-083-P1-K1-F5 | nam(HMM:6.9e-06) |
| 2817 | 34649_1.R1010 | nam(HMM:7.3e-10) |

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| 2818 | 12405_1.R1010 | nam(HMM:7.5e-10) |
| 2819 | LIB24-045-Q1-E1-H6 | nam(HMM:7.7e-29) |
| 2820 | jC-atXLIB327424P3f06b1 | nam(HMM:7.8) |
| 2821 | 33543_1.R1010 | nam(HMM:7e-84) |
| 2822 | LIB3176-106-P1-K1-E2 | nam(HMM:8.3e-10) |
| 2823 | LIB22-002-Q1-E1-E9 | nam(HMM:8.7e-11) |
| 2824 | 18292_1.R1010 | nam(HMM:8.8e-86) |
| 2825 | 2047367 | nam(HMM:9.2e-64) |
| 2826 | 8647_1.R1010 | nam(HMM:9.4e-38) |
| 2827 | LIB3177-007-P1-K1-E7 | nap_family(HMM:0.0014) |
| 2828 | 30951_1.R1010 | nap_family(HMM:0.0067) |
| 2829 | 906184 | nap_family(HMM:0.023) |
| 2830 | LIB3176-036-P1-K1-A6 | nap_family(HMM:0.065) |
| 2831 | jC-atXP62C203C3T7022a1 | nap_family(HMM:1.1e-05) |
| 2832 | LIB3177-005-P1-K1-B6 | nap_family(HMM:1.4e-05) |
| 2833 | LIB3175-004-P1-K1-E9 | nap_family(HMM:2.6e-06) |
| 2834 | 2852_1.R1010 | nap_family(HMM:2.7e-09) |
| 2835 | 4462_1.R1010 | nap_family(HMM:3.1e-13) |
| 2836 | 2798_1.R1010 | nap_family(HMM:3e-07) |
| 2837 | 3157_1.R1010 | nap_family(HMM:4.3e-08) |
| 2838 | 8405_1.R1010 | nap_family(HMM:4.4e-09) |
| 2839 | jC-alX22045Q1E1C02b1 | nap_family(HMM:5.3e-15) |
| 2840 | 21195_1.R1010 | nap_family(HMM:5.6e-37) |
| 2841 | LIB3177-021-P1-K2-A7 | nap_family(HMM:5.8e-16) |
| 2842 | 2852_2.R1010 | nap_family(HMM:7.9e-103) |
| 2843 | LIB3168-067-P1-K1-F5 | phd(HMM:0.013) |
| 2844 | 1620_1.R1010 | phd(HMM:0.015) |
| 2845 | 57640_1.R1010 | phd(HMM:0.02) |
| 2846 | 1619_1.R1010 | phd(HMM:0.1) |
| 2847 | 129014_1.R1010 | phd(HMM:0.34) |
| 2848 | LIB3234-096-P1-K1-C2 | phd(HMM:0.47) |
| 2849 | LIB23-021-Q2-E1-C12 | phd(HMM:1.1e-06) |
| 2850 | 95652_1.R1010 | phd(HMM:1.5e-08) |
| 2851 | LIB22-063-Q1-E1-C9 | phd(HMM:1.6e-12) |
| 2852 | LIB3168-006-P1-K1-E7 | phd(HMM:2e-15) |
| 2853 | jC-atXL1044Q1E1G11a1 | phd(HMM:3.4e-13) |
| 2854 | jC-atXP60C197M21T7027a1 | phd(HMM:3.5e-09) |
| 2855 | LIB3177-015-P1-K2-B1 | phd(HMM:3.7e-05) |
| 2856 | 157847_1.R1010 | phd(HMM:5.8e-09) |
| 2857 | 103629_1.R1010 | phd(HMM:7.5e-08) |
| 2858 | 2538_1.R1010 | phd(HMM:7e-12) |
| 2859 | 2538_3.R1010 | phd(HMM:7e-12) |
| 2860 | jC-atXP44C171F7T7024a1 | phd(HMM:7e-12) |
| 2861 | LIB23-031-Q1-E1-G5 | phd(HMM:9e-05) |
| 2862 | LIB3175-033-P1-K1-E1 | response_reg(HMM:0.00012) |
| 2863 | LIB3177-016-P1-K1-C5 | response_reg(HMM:0.00074) |
| 2864 | LIB3177-020-P1-K1-E2 | response_reg(HMM:1.2) |
| 2865 | LIB3176-028-P1-K1-A2 | response_reg(HMM:1.2e-13) |
| 2866 | 244_1.R1010 | response_reg(HMM:1.2e-23) |
| 2867 | 393_1.R1010 | response_reg(HMM:1.3e-26) |
| 2868 | 2413769 | response_reg(HMM:1.5e-06) |
| 2869 | 403_2.R1010 | response_reg(HMM:1.5e-28) |
| 2870 | 1327644 | response_reg(HMM:1.7e-09) |
| 2871 | 2748920 | response_reg(HMM:1.8e-16) |

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| 2872 | 395_1.R1010 | response_reg(HMM:1.8e-27) |
| 2873 | 7957_1.R1010 | response_reg(HMM:1.8e-27) |
| 2874 | 21872_1.R1010 | response_reg(HMM:3.1e-32) |
| 2875 | 403_1.R1010 | response_reg(HMM:3.5e-29) |
| 2876 | 21672_1.R1010 | response_reg(HMM:3.8e-06) |
| 2877 | PLN_g3953604 | response_reg(HMM:3e-10) |
| 2878 | PLN_g1679802 | response_reg(HMM:4.1e-28) |
| 2879 | 256_1.R1010 | response_reg(HMM:4.4e-26) |
| 2880 | 262_1.R1010 | response_reg(HMM:4.4e-32) |
| 2881 | PLN_g3953594 | response_reg(HMM:4.7e-26) |
| 2882 | LIB3175-052-P1-K1-F4 | response_reg(HMM:5e-32) |
| 2883 | jC-atXP96CH2D6T7b1 | response_reg(HMM:6.1e-27) |
| 2884 | 391_1.R1010 | response_reg(HMM:8.2e-27) |
| 2885 | jC-atXP29C138J22T7047d1 | response_reg(HMM:8.8e-21) |
| 2886 | 8195_1.R1010 | sbpb(HMM:0.0021) |
| 2887 | 22477_2.R1010 | sbpb(HMM:0.0031) |
| 2888 | 735947 | sbpb(HMM:0.22) |
| 2889 | 22477_1.R1010 | sbpb(HMM:1.2e-42) |
| 2890 | 19483_1.R1010 | sbpb(HMM:1.4e-13) |
| 2891 | 6824_1.R1010 | sbpb(HMM:4.5e-45) |
| 2892 | 1224_1.R1010 | sbpb(HMM:4.8e-46) |
| 2893 | LIB22-030-Q1-E1-F1 | sbpb(HMM:7.4e-46) |
| 2894 | 394856 | sbpb(HMM:8e-07) |
| 2895 | 1158768 | sbpb(HMM:9.5e-45) |
| 2896 | LIB3176-024-P1-K1-G3 | scr(HMM:0.00023) |
| 2897 | 10912_3.R1010 | scr(HMM:0.0014) |
| 2898 | LIB3168-058-P1-K1-F3 | scr(HMM:0.0031) |
| 2899 | 68978_1.R1010 | scr(HMM:0.01) |
| 2900 | jC-atXN38694a1 | scr(HMM:0.03) |
| 2901 | 57113_1.R1010 | scr(HMM:1) |
| 2902 | 99356_1.R1010 | scr(HMM:1.1e-06) |
| 2903 | 81940_1.R1010 | scr(HMM:1.1e-14) |
| 2904 | 34737_1.R1010 | scr(HMM:1.2e-17) |
| 2905 | 115765_1.R1010 | scr(HMM:1.3e-05) |
| 2906 | 11140_1.R1010 | scr(HMM:1.3e-09) |
| 2907 | jC-atXLIB327416P2g07a1 | scr(HMM:1.4e-09) |
| 2908 | LIB22-025-Q1-E1-A1 | scr(HMM:1.4e-23) |
| 2909 | 139933_1.R1010 | scr(HMM:1.4e-31) |
| 2910 | jC-atXLIB327419P1g05a2 | scr(HMM:1.5e-06) |
| 2911 | 6888_1.R1010 | scr(HMM:1.6e-09) |
| 2912 | 1156_1.R1010 | scr(HMM:1.7e-185) |
| 2913 | 222_1.R1010 | scr(HMM:1.8e-185) |
| 2914 | LIB3177-036-P1-K1-E3 | scr(HMM:1.9e-05) |
| 2915 | 1155_2.R1010 | scr(HMM:1.9e-18) |
| 2916 | 111122_1.R1010 | scr(HMM:2.5e-12) |
| 2917 | 6443_2.R1010 | scr(HMM:2.8e-118) |
| 2918 | 24475_1.R1010 | scr(HMM:2e-09) |
| 2919 | 5003_1.R1010 | scr(HMM:2e-15) |
| 2920 | jC-alXLIB327434P1g12b1 | scr(HMM:2e-40) |
| 2921 | 115767_2.R1010 | scr(HMM:3.1e-08) |
| 2922 | jC-atXLIB327408P2a09a1 | scr(HMM:3.3e-05) |
| 2923 | 36525_1.R1010 | scr(HMM:3e-08) |
| 2924 | LIB3168-028-P1-K1-B4 | scr(HMM:4.2e-05) |
| 2925 | 586965 | scr(HMM:4.2e-12) |

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| 2926 | 19298_1.R1010 | scr(HMM:4.5e-11) |
| 2927 | 51773_1.R1010 | scr(HMM:4.6e-05) |
| 2928 | LIB24-005-Q1-E1-G12 | scr(HMM:5.4e-09) |
| 2929 | 33892_1.R1010 | scr(HMM:5.6e-06) |
| 2930 | 6443_1.R1010 | scr(HMM:6.3e-06) |
| 2931 | 59776_1.R1010 | scr(HMM:7.1e-07) |
| 2932 | 39_1.R1010 | scr(HMM:7.4e-171) |
| 2933 | 87448_1.R1010 | scr(HMM:7.6e-15) |
| 2934 | jC-atX22069Q1E1B01a1 | scr(HMM:7.8e-36) |
| 2935 | 88702_1.R1010 | scr(HMM:8.3e-29) |
| 2936 | 1155_1.R1010 | scr(HMM:9.2e-188) |
| 2937 | LIB3177-080-P1-K1-G7 | set(HMM:0.0021) |
| 2938 | 16791 | set(HMM:0.0036) |
| 2939 | jC-atXP32C147O24T7d2 | set(HMM:0.0065) |
| 2940 | 119988_1.R1010 | set(HMM:1e-23) |
| 2941 | 20908_1.R1010 | set(HMM:2.6e-45) |
| 2942 | PLN_g3089624 | set(HMM:4.1e-55) |
| 2943 | 1852_1.R1010 | set(HMM:4.9e-56) |
| 2944 | 590_1.R1010 | set(HMM:5.4e-57) |
| 2945 | 5387_1.R1010 | set(HMM:7.1e-08) |
| 2946 | LIB3234-004-P1-K1-F1 | set(HMM:9.1e-07) |
| 2947 | 1932_1.R1010 | snf2_n(HMM:0.1) |
| 2948 | LIB22-063-Q1-E1-C6 | snf2_n(HMM:0.13) |
| 2949 | 7289_1.R1010 | snf2_n(HMM:0.2) |
| 2950 | 3933_1.R1010 | snf2_n(HMM:0.97) |
| 2951 | 117341_1.R1010 | snf2_n(HMM:1.1e-08) |
| 2952 | 1328354 | snf2_n(HMM:1.6e-12) |
| 2953 | LIB24-048-Q1-E1-G10 | snf2_n(HMM:1e-16) |
| 2954 | LIB24-085-Q1-E1-D12 | snf2_n(HMM:1e-20) |
| 2955 | 20132_1.R1010 | snf2_n(HMM:2.2e-05) |
| 2956 | 1328372 | snf2_n(HMM:2.3e-26) |
| 2957 | LIB3234-006-P1-K1-H1 | snf2_n(HMM:3.1e-11) |
| 2958 | LIB23-012-Q1-E1-G1 | snf2_n(HMM:3e-11) |
| 2959 | LIB24-019-Q1-E1-H9 | snf2_n(HMM:4.9e-11) |
| 2960 | 28253_1.R1010 | srf-tf(HMM:1.1e-31) |
| 2961 | 5431_1.R1010 | srf-tf(HMM:1.1e-34) |
| 2962 | jC-atXLIB327403P3h07b1 | srf-tf(HMM:1.4e-07) |
| 2963 | LIB25-111-Q1-E1-C9 | srf-tf(HMM:1.5e-07) |
| 2964 | LIB3177-085-P1-K1-G5 | srf-tf(HMM:2.9e-35) |
| 2965 | 14225_2.R1010 | srf-tf(HMM:2e-29) |
| 2966 | 14225_3.R1010 | srf-tf(HMM:2e-29) |
| 2967 | 30922_1.R1010 | srf-tf(HMM:3.3e-36) |
| 2968 | jC-alX24119Q1E1A11b1 | srf-tf(HMM:3e-10) |
| 2969 | 2733904 | srf-tf(HMM:4.6e-23) |
| 2970 | 30922_2.R1010 | srf-tf(HMM:4.9e-07) |
| 2971 | LIB24-045-Q1-E1-F2 | srf-tf(HMM:5.2e-05) |
| 2972 | 26694_1.R1010 | srf-tf(HMM:5.5e-18) |
| 2973 | 4714014 | srf-tf(HMM:6.1e-13) |
| 2974 | LIB25-016-Q1-E1-F11 | srf-tf(HMM:7.5e-38) |
| 2975 | 26442_1.R1010 | srf-tf(HMM:9.8e-33) |
| 2976 | jC-atXP96C24915T7b1 | tbp(HMM:1.2e-38) |
| 2977 | 1249_2.R1010 | tbp(HMM:1.5e-81) |
| 2978 | 1249_1.R1010 | tbp(HMM:1.9e-80) |
| 2979 | LIB3234-033-P1-K1-H1 | teo(HMM:0.0019) |

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| 2980 | jC-atXP86CG9F1T7b1 | teo(HMM:0.0043) |
| 2981 | jC-atXP86CG9F1T7d2 | teo(HMM:0.006) |
| 2982 | 1768_1.R1010 | teo(HMM:1.5e-41) |
| 2983 | jC-atXLIB327414P2c10a1 | teo(HMM:1.6e-25) |
| 2984 | LIB3234-095-P1-K1-H10 | teo(HMM:1.9e-17) |
| 2985 | 14761_1.R1010 | teo(HMM:2.1e-36) |
| 2986 | 2763426 | teo(HMM:2.3e-16) |
| 2987 | 46854_1.R1010 | teo(HMM:2.4e-19) |
| 2988 | 16107_1.R1010 | teo(HMM:3.1e-11) |
| 2989 | 33449_1.R1010 | teo(HMM:3.1e-38) |
| 2990 | 27952_1.R1010 | teo(HMM:3.5e-36) |
| 2991 | 8400_2.R1010 | teo(HMM:4.1e-10) |
| 2992 | 36908_1.R1010 | teo(HMM:6.2e-44) |
| 2993 | 7511_1.R1010 | teo(HMM:7.3e-36) |
| 2994 | 7171_1.R1010 | teo(HMM:8.2e-33) |
| 2995 | 16530_1.R1010 | teo(HMM:9.7e-36) |
| 2996 | 2413898 | tfiis(HMM:0.015) |
| 2997 | LIB23-027-Q1-E1-E11 | tfiis(HMM:3.6e-06) |
| 2998 | 1343_2.R1010 | transcript_fac2(HMM:0.1) |
| 2999 | 35455_1.R1010 | transcript_fac2(HMM:0.28) |
| 3000 | 1343_1.R1010 | transcript_fac2(HMM:3.1e-57) |
| 3001 | 1271_1.R1010 | transcript_fac2(HMM:4.1e-59) |
| 3002 | jC-atX22014Q1E1C12a1 | trihelix(HMM:0.0014) |
| 3003 | 103841_1.R1010 | trihelix(HMM:0.0024) |
| 3004 | 2393630 | trihelix(HMM:0.0031) |
| 3005 | 78762_1.R1010 | trihelix(HMM:0.028) |
| 3006 | jC-atXLIB327418P1a10b1 | trihelix(HMM:0.88) |
| 3007 | 189_1.R1010 | trihelix(HMM:1.2e-118) |
| 3008 | LIB146-020-Q1-E1-E3 | trihelix(HMM:1.2e-12) |
| 3009 | 852_1.R1010 | trihelix(HMM:1.6e-56) |
| 3010 | 191_1.R1010 | trihelix(HMM:2.3e-120) |
| 3011 | 24518_1.R1010 | trihelix(HMM:2.6e-07) |
| 3012 | LIB24-135-Q1-E1-H4 | trihelix(HMM:3.4e-53) |
| 3013 | 27618_1.R1010 | trihelix(HMM:4.3e-07) |
| 3014 | LIB24-003-Q1-E1-D5 | trihelix(HMM:5.8) |
| 3015 | 5312_1.R1010 | trihelix(HMM:6.1e-39) |
| 3016 | 22425_1.R1010 | trihelix(HMM:7e-05) |
| 3017 | 191_2.R1010 | trihelix(HMM:8.6e-46) |
| 3018 | jC-atXLIB327411P3d07b1 | wrky(HMM:0.0026) |
| 3019 | 5826_1.R1010 | wrky(HMM:0.0031) |
| 3020 | 8539_1.R1010 | wrky(HMM:0.0039) |
| 3021 | 56239_1.R1010 | wrky(HMM:0.015) |
| 3022 | LIB3168-082-P1-K1-E5 | wrky(HMM:0.02) |
| 3023 | LIB3168-019-P1-K1-F2 | wrky(HMM:0.16) |
| 3024 | LIB3177-019-P1-K2-B10 | wrky(HMM:0.21) |
| 3025 | 88718_1.R1010 | wrky(HMM:0.27) |
| 3026 | 2393545 | wrky(HMM:0.34) |
| 3027 | LIB3175-020-P1-K1-G2 | wrky(HMM:1.1e-05) |
| 3028 | jC-atXLIB327406P2b07a1 | wrky(HMM:1.1e-22) |
| 3029 | 1527_1.R1010 | wrky(HMM:1.2e-40) |
| 3030 | jC-atXP39C161C17T7s1 | wrky(HMM:1.4e-26) |
| 3031 | 81064_1.R1010 | wrky(HMM:1.6e-41) |
| 3032 | 9804_1.R1010 | wrky(HMM:1.6e-74) |
| 3033 | 1327735 | wrky(HMM:1.7e-05) |

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| 3034 | 118163_1.R1010 | wrky(HMM:1.7e-29) |
| 3035 | LIB22-006-Q1-E1-G11 | wrky(HMM:1.9e-08) |
| 3036 | 14802_1.R1010 | wrky(HMM:1.9e-35) |
| 3037 | 5013_1.R1010 | wrky(HMM:1.9e-38) |
| 3038 | LIB22-075-Q1-E1-H8 | wrky(HMM:2.2e-09) |
| 3039 | jC-atXP119C193G18T7012a1 | wrky(HMM:2.3e-43) |
| 3040 | jC-atXP15C106F16T7018a1 | wrky(HMM:2.3e-45) |
| 3041 | 2393223 | wrky(HMM:2.4e-40) |
| 3042 | 15470_1.R1010 | wrky(HMM:2.8e-29) |
| 3043 | 2759396 | wrky(HMM:2e-28) |
| 3044 | 1479_2.R1010 | wrky(HMM:3.1e-86) |
| 3045 | jC-atXLIB327406P1d05b1 | wrky(HMM:3.2e-35) |
| 3046 | LIB3175-048-P1-K1-B6 | wrky(HMM:3.9e-35) |
| 3047 | 56239_4.R1010 | wrky(HMM:4.1e-06) |
| 3048 | 56539_1.R1010 | wrky(HMM:4.1e-38) |
| 3049 | 73241_1.R1010 | wrky(HMM:4.3e-24) |
| 3050 | 2501_1.R1010 | wrky(HMM:4.4e-39) |
| 3051 | LIB3176-030-P1-K1-B12 | wrky(HMM:4.5e-16) |
| 3052 | 773507 | wrky(HMM:4e-35) |
| 3053 | 93888_1.R1010 | wrky(HMM:5.1e-42) |
| 3054 | 102356_1.R1010 | wrky(HMM:6.6e-13) |
| 3055 | 1932911 | wrky(HMM:7.4e-06) |
| 3056 | jC-atXP92C249D20T7085d1 | wrky(HMM:7.4e-07) |
| 3057 | jC-atXP15C107M17T7066a1 | wrky(HMM:7.8e-05) |
| 3058 | 31824_1.R1010 | wrky(HMM:8.3e-41) |
| 3059 | 9668_1.R1010 | "zf-b_box(HMM:0.00016),zf-constans(HMM:1.6e-33)" |
| 3060 | 193_1.R1010 | "zf-b_box(HMM:0.0044),zf-constans(HMM:2.7e-43)" |
| 3061 | 5722_1.R1010 | "zf-b_box(HMM:0.0063),zf-constans(HMM:8.4e-42)" |
| 3062 | LIB35-042-Q1-E1-A4 | "zf-b_box(HMM:0.0063),zf-constans(HMM:8.4e-42)" |
| 3063 | LIB25-027-Q1-E1-H4 | "zf-b_box(HMM:0.013),zf-constans(HMM:3.3e-08)" |
| 3064 | 40_1.R1010 | "zf-b_box(HMM:0.017),zf-constans(HMM:8.1e-42)" |
| 3065 | 122486_1.R1010 | "zf-b_box(HMM:0.028),zf-constans(HMM:5.6e-20)" |
| 3066 | PLN_g1161513 | "zf-b_box(HMM:0.033),zf-constans(HMM:2.1e-40)" |
| 3067 | 125594_2.R1010 | "zf-b_box(HMM:0.039),zf-constans(HMM:3.5e-15)" |
| 3068 | 51413_1.R1010 | "zf-b_box(HMM:0.039),zf-constans(HMM:3.6e-26)" |
| 3069 | 29526_1.R1010 | "zf-b_box(HMM:0.042),zf-constans(HMM:7.6e-18)" |
| 3070 | 1234_1.R1010 | "zf-b_box(HMM:0.045),zf-constans(HMM:1.7e-41)" |
| 3071 | 13583_1.R1010 | "zf-b_box(HMM:0.053),zf-constans(HMM:3.7e-16)" |
| 3072 | 17975_1.R1010 | "zf-b_box(HMM:0.06),zf-constans(HMM:1.1e-17)" |
| 3073 | 15190_1.R1010 | "zf-b_box(HMM:0.063),zf- |

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| 3074 | jC-atXLIB327431P4f03a1 | constans(HMM:2.4e-15)" "zf-b_box(HMM:0.083),zf- constans(HMM:2.9e-31)" |
| 3075 | 47411_1.R1010 | "zf-b_box(HMM:0.096),zf- constans(HMM:2e-36)" |
| 3076 | 24889_2.R1010 | zf-c2h2(HMM:0.00051) |
| 3077 | 27999_1.R1010 | zf-c2h2(HMM:0.00064) |
| 3078 | jC-atXP82CG2D11T7b1 | zf-c2h2(HMM:0.00067) |
| 3079 | 10874_2.R1010 | zf-c2h2(HMM:0.00069) |
| 3080 | 970_1.R1010 | zf-c2h2(HMM:0.0013) |
| 3081 | LIB3168-010-P1-K1-G9 | zf-c2h2(HMM:0.0018) |
| 3082 | 45108_2.R1010 | zf-c2h2(HMM:0.004) |
| 3083 | 80711_2.R1010 | zf-c2h2(HMM:0.0074) |
| 3084 | jC-atXLIB327420P3h07b1 | zf-c2h2(HMM:0.015) |
| 3085 | PLN_g790676 | zf-c2h2(HMM:0.027) |
| 3086 | 971_1.R1010 | zf-c2h2(HMM:0.064) |
| 3087 | jC-atXP5C89H13T7036a1 | zf-c2h2(HMM:0.064) |
| 3088 | 969_1.R1010 | zf-c2h2(HMM:0.072) |
| 3089 | PLN_g790672 | zf-c2h2(HMM:0.072) |
| 3090 | PLN_g790674 | zf-c2h2(HMM:0.072) |
| 3091 | 8669_1.R1010 | zf-c2h2(HMM:1.2e-11) |
| 3092 | PLN_g1418340 | zf-c2h2(HMM:1.6e-07) |
| 3093 | 1605_1.R1010 | zf-c2h2(HMM:1.9e-09) |
| 3094 | 1203_1.R1010 | zf-c2h2(HMM:2.2e-06) |
| 3095 | 5716_1.R1010 | zf-c2h2(HMM:2e-05) |
| 3096 | 1202_1.R1010 | zf-c2h2(HMM:3.6e-08) |
| 3097 | PLN_g1418334 | zf-c2h2(HMM:3.6e-08) |
| 3098 | 101520_1.R1010 | zf-c2h2(HMM:3.9e-09) |
| 3099 | 1201_1.R1010 | zf-c2h2(HMM:4.5e-10) |
| 3100 | 80711_1.R1010 | zf-c2h2(HMM:8.2e-12) |
| 3101 | 1204_1.R1010 | zf-c2h2(HMM:8.8e-09) |
| 3102 | 460754 | zf-c3hc4(HMM:0.00013) |
| 3103 | LIB3234-033-P1-K1-D11 | zf-c3hc4(HMM:0.00013) |
| 3104 | 77239_1.R1010 | zf-c3hc4(HMM:0.00023) |
| 3105 | 51315_1.R1010 | zf-c3hc4(HMM:0.00028) |
| 3106 | 1788_1.R1010 | zf-c3hc4(HMM:0.00032) |
| 3107 | ARABL1-043-Q1-B1-B10 | zf-c3hc4(HMM:0.00038) |
| 3108 | 61662_1.R1010 | zf-c3hc4(HMM:0.0004) |
| 3109 | 65486_1.R1010 | zf-c3hc4(HMM:0.00054) |
| 3110 | 11806_1.R1010 | zf-c3hc4(HMM:0.00066) |
| 3111 | 2757852 | zf-c3hc4(HMM:0.00077) |
| 3112 | 8493_1.R1010 | zf-c3hc4(HMM:0.00099) |
| 3113 | 1520701 | zf-c3hc4(HMM:0.0012) |
| 3114 | jC-atX24064Q1E1E05a1 | zf-c3hc4(HMM:0.0015) |
| 3115 | 115546_1.R1010 | zf-c3hc4(HMM:0.002) |
| 3116 | 76250_1.R1010 | zf-c3hc4(HMM:0.0022) |
| 3117 | 4272_5.R1010 | zf-c3hc4(HMM:0.0024) |
| 3118 | 46964_1.R1010 | zf-c3hc4(HMM:0.0024) |
| 3119 | LIB3176-071-P1-K1-F4 | zf-c3hc4(HMM:0.0026) |
| 3120 | 150482_1.R1010 | zf-c3hc4(HMM:0.003) |
| 3121 | jC-atXP101CE1E10T7058b1 | zf-c3hc4(HMM:0.003) |
| 3122 | 101734_1.R1010 | zf-c3hc4(HMM:0.0033) |
| 3123 | jC-alXLIB327436P1g09b1 | zf-c3hc4(HMM:0.0054) |
| 3124 | LIB35-037-Q1-E1-D7 | zf-c3hc4(HMM:0.0054) |

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| 3125 | 13089_1.R1010 | zf-c3hc4(HMM:0.0064) |
| 3126 | 458787 | zf-c3hc4(HMM:0.0084) |
| 3127 | 115761_1.R1010 | zf-c3hc4(HMM:0.0084) |
| 3128 | 88598_1.R1010 | zf-c3hc4(HMM:0.0099) |
| 3129 | LIB3176-086-P1-K1-F8 | zf-c3hc4(HMM:0.011) |
| 3130 | 77842_1.R1010 | zf-c3hc4(HMM:0.015) |
| 3131 | 88394_1.R1010 | zf-c3hc4(HMM:0.015) |
| 3132 | LIB25-094-Q1-E1-B8 | zf-c3hc4(HMM:0.015) |
| 3133 | LIB35-055-Q1-E2-H12 | zf-c3hc4(HMM:0.015) |
| 3134 | 26804_1.R1010 | zf-c3hc4(HMM:0.017) |
| 3135 | 44005_1.R1010 | zf-c3hc4(HMM:0.019) |
| 3136 | 39331_1.R1010 | zf-c3hc4(HMM:0.023) |
| 3137 | 96673_1.R1010 | zf-c3hc4(HMM:0.024) |
| 3138 | jC-alX24005Q1E1C11a1 | zf-c3hc4(HMM:0.03) |
| 3139 | 634831 | zf-c3hc4(HMM:0.036) |
| 3140 | 33548_1.R1010 | zf-c3hc4(HMM:0.041) |
| 3141 | 33887_1.R1010 | zf-c3hc4(HMM:0.044) |
| 3142 | 213_23.R1010 | zf-c3hc4(HMM:0.048) |
| 3143 | jC-atXLIB327410P2h09a1 | zf-c3hc4(HMM:0.049) |
| 3144 | 116810_1.R1010 | zf-c3hc4(HMM:0.06) |
| 3145 | 85162_1.R1010 | zf-c3hc4(HMM:0.061) |
| 3146 | 88872_1.R1010 | zf-c3hc4(HMM:0.063) |
| 3147 | 5688_2.R1010 | zf-c3hc4(HMM:0.065) |
| 3148 | 25145_1.R1010 | zf-c3hc4(HMM:0.067) |
| 3149 | jC-alXLIB327434P4h12a1 | zf-c3hc4(HMM:0.068) |
| 3150 | LIB3177-067-P1-K1-F10 | zf-c3hc4(HMM:0.069) |
| 3151 | 16046_1.R1010 | zf-c3hc4(HMM:0.072) |
| 3152 | LIB23-027-Q1-E1-H9 | zf-c3hc4(HMM:0.075) |
| 3153 | 64121_1.R1010 | zf-c3hc4(HMM:0.08) |
| 3154 | 91568_1.R1010 | zf-c3hc4(HMM:0.085) |
| 3155 | 906835 | zf-c3hc4(HMM:0.11) |
| 3156 | 75883_1.R1010 | zf-c3hc4(HMM:0.17) |
| 3157 | LIB35-042-Q1-E1-B5 | zf-c3hc4(HMM:0.22) |
| 3158 | 79742_3.R1010 | zf-c3hc4(HMM:0.25) |
| 3159 | 2749609 | zf-c3hc4(HMM:0.32) |
| 3160 | 13387_1.R1010 | zf-c3hc4(HMM:0.55) |
| 3161 | 36130_1.R1010 | zf-c3hc4(HMM:0.66) |
| 3162 | 104041_1.R1010 | zf-c3hc4(HMM:1.1e-05) |
| 3163 | 40473_1.R1010 | zf-c3hc4(HMM:1.1e-07) |
| 3164 | 15228_1.R1010 | zf-c3hc4(HMM:1.1e-09) |
| 3165 | 714_1.R1010 | "zf-c3hc4(HMM:1.1e-16),zz(HMM:4.4e-16)" |
| 3166 | jC-alXLIB327436P1g09a1 | zf-c3hc4(HMM:1.2e-09) |
| 3167 | 2763784 | zf-c3hc4(HMM:1.4e-08) |
| 3168 | 70486_1.R1010 | zf-c3hc4(HMM:1.4e-08) |
| 3169 | 28736_1.R1010 | zf-c3hc4(HMM:1.4e-09) |
| 3170 | 1793_1.R1010 | zf-c3hc4(HMM:1.5e-12) |
| 3171 | 74196_1.R1010 | zf-c3hc4(HMM:1.6e-06) |
| 3172 | 1785_1.R1010 | zf-c3hc4(HMM:1.6e-11) |
| 3173 | jC-atX24027Q1E1F03a1 | zf-c3hc4(HMM:1.6e-11) |
| 3174 | LIB22-004-Q1-E1-D10 | zf-c3hc4(HMM:1.6e-11) |
| 3175 | 2413955 | zf-c3hc4(HMM:1.6e-12) |
| 3176 | 8878_1.R1010 | zf-c3hc4(HMM:1.7e-10) |
| 3177 | 7144_1.R1010 | zf-c3hc4(HMM:1.7e-11) |

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| 3178 | jC-atXP13C103O3T7004a1 | zf-c3hc4(HMM:1.8e-07) |
| 3179 | 1786_1.R1010 | zf-c3hc4(HMM:1.8e-09) |
| 3180 | LIB3176-051-P1-K1-H2 | zf-c3hc4(HMM:1.8e-10) |
| 3181 | 14579_1.R1010 | zf-c3hc4(HMM:1e-11) |
| 3182 | jC-atXLIB327409P4h04a1 | zf-c3hc4(HMM:2.1) |
| 3183 | 79397_1.R1010 | zf-c3hc4(HMM:2.1e-11) |
| 3184 | 2062852 | zf-c3hc4(HMM:2.2) |
| 3185 | jC-atXLIB327438P3e01a2 | zf-c3hc4(HMM:2.2e-09) |
| 3186 | 1795_1.R1010 | zf-c3hc4(HMM:2.3e-09) |
| 3187 | 2048291 | zf-c3hc4(HMM:2.3e-10) |
| 3188 | 1789_1.R1010 | zf-c3hc4(HMM:2.4e-14) |
| 3189 | 905856 | zf-c3hc4(HMM:2.5e-06) |
| 3190 | 88949_1.R1010 | zf-c3hc4(HMM:2.6e-13) |
| 3191 | 1787_1.R1010 | zf-c3hc4(HMM:2.7e-10) |
| 3192 | 101518_1.R1010 | zf-c3hc4(HMM:2e-10) |
| 3193 | LIB23-028-Q1-E1-C3 | zf-c3hc4(HMM:3.1e-06) |
| 3194 | jC-atXP1C64A5T7s2 | zf-c3hc4(HMM:3.1e-07) |
| 3195 | 74854_1.R1010 | zf-c3hc4(HMM:3.1e-09) |
| 3196 | ARABL1-038-Q1-E1-G10 | zf-c3hc4(HMM:3.1e-11) |
| 3197 | LIB3168-061-P1-K1-A9 | zf-c3hc4(HMM:3.2e-10) |
| 3198 | 1794_1.R1010 | zf-c3hc4(HMM:3.3e-08) |
| 3199 | 128642_1.R1010 | zf-c3hc4(HMM:3.4e-05) |
| 3200 | jC-atXU104f1 | zf-c3hc4(HMM:3.4e-05) |
| 3201 | 10177_1.R1010 | zf-c3hc4(HMM:3.4e-06) |
| 3202 | 15228_2.R1010 | zf-c3hc4(HMM:3.4e-10) |
| 3203 | 8186_1.R1010 | zf-c3hc4(HMM:3.7e-06) |
| 3204 | jC-atXLIB327431P4h03a1 | zf-c3hc4(HMM:3.8e-07) |
| 3205 | 24635_1.R1010 | zf-c3hc4(HMM:3.9e-08) |
| 3206 | 22255_1.R1010 | zf-c3hc4(HMM:3.9e-09) |
| 3207 | 1159615 | zf-c3hc4(HMM:4.2e-09) |
| 3208 | 2581694 | zf-c3hc4(HMM:4.2e-10) |
| 3209 | jC-atXP69C219A23T7014d1 | zf-c3hc4(HMM:4.2e-10) |
| 3210 | 17051_1.R1010 | zf-c3hc4(HMM:4.4e-08) |
| 3211 | 1874_1.R1010 | zf-c3hc4(HMM:4.5e-08) |
| 3212 | 1792_1.R1010 | zf-c3hc4(HMM:5.5e-09) |
| 3213 | 6103_1.R1010 | zf-c3hc4(HMM:5.8e-07) |
| 3214 | 14617_1.R1010 | zf-c3hc4(HMM:6.3e-10) |
| 3215 | 2754_2.R1010 | zf-c3hc4(HMM:6.4e-09) |
| 3216 | 101364_1.R1010 | zf-c3hc4(HMM:6.4e-10) |
| 3217 | jC-alXLIB327436P2d05a1 | zf-c3hc4(HMM:6.5e-05) |
| 3218 | 24834_1.R1010 | zf-c3hc4(HMM:6.5e-11) |
| 3219 | 4922_1.R1010 | zf-c3hc4(HMM:6.6e-08) |
| 3220 | 15369_1.R1010 | zf-c3hc4(HMM:6.8e-12) |
| 3221 | 949655 | zf-c3hc4(HMM:7.1e-07) |
| 3222 | 96498_1.R1010 | zf-c3hc4(HMM:7.4e-08) |
| 3223 | 74370_1.R1010 | zf-c3hc4(HMM:7.8e-06) |
| 3224 | jC-atXLIB327408P4e09a1 | zf-c3hc4(HMM:7.8e-10) |
| 3225 | 396_1.R1010 | zf-c3hc4(HMM:7e-11) |
| 3226 | 10338_1.R1010 | zf-c3hc4(HMM:8.1e-07) |
| 3227 | 2047468 | zf-c3hc4(HMM:8.2e-05) |
| 3228 | 88616_1.R1010 | zf-c3hc4(HMM:8.6e-09) |
| 3229 | 2581616 | zf-c3hc4(HMM:8.8e-08) |
| 3230 | 213_12.R1010 | zf-c3hc4(HMM:8.8e-08) |
| 3231 | 128926_1.R1010 | zf-c3hc4(HMM:8.8e-09) |

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| 3232 | jC-atXP8C92K1T7d1 | zf-c3hc4(HMM:8.8e-12) |
| 3233 | 47105_1.R1010 | zf-c3hc4(HMM:8e-07) |
| 3234 | 57820_1.R1010 | zf-c3hc4(HMM:8e-12) |
| 3235 | 127383_1.R1010 | zf-c3hc4(HMM:9.2e-13) |
| 3236 | 31344_1.R1010 | zf-c3hc4(HMM:9.4e-06) |
| 3237 | 1790_1.R1010 | zf-c3hc4(HMM:9.7e-12) |
| 3238 | 19591_1.R1010 | zf-ccch(HMM:0.00014) |
| 3239 | 22324_1.R1010 | zf-ccch(HMM:0.00034) |
| 3240 | 32632_1.R1010 | zf-ccch(HMM:0.00038) |
| 3241 | 11605_1.R1010 | zf-ccch(HMM:0.0018) |
| 3242 | 7176_1.R1010 | zf-ccch(HMM:0.0023) |
| 3243 | LIB3234-087-Q1-K1-G12 | zf-ccch(HMM:0.0095) |
| 3244 | 20290_1.R1010 | zf-ccch(HMM:0.0096) |
| 3245 | 116042_1.R1010 | zf-ccch(HMM:0.015) |
| 3246 | 99257_1.R1010 | zf-ccch(HMM:0.031) |
| 3247 | jC-atXP31C147B23T7s1 | zf-ccch(HMM:0.031) |
| 3248 | jC-atXLIB327416P3e02a1 | zf-ccch(HMM:0.04) |
| 3249 | LIB146-022-Q1-E1-E5 | zf-ccch(HMM:0.046) |
| 3250 | 1695_1.R1010 | zf-ccch(HMM:0.098) |
| 3251 | 116035_1.R1010 | zf-ccch(HMM:1.5e-05) |
| 3252 | 5626_1.R1010 | zf-ccch(HMM:2.1e-06) |
| 3253 | 8921_1.R1010 | zf-ccch(HMM:2.1e-06) |
| 3254 | 38040_1.R1010 | zf-ccch(HMM:6.6e-16) |
| 3255 | 1199_1.R1010 | zf-cchc(HMM:0.00024) |
| 3256 | 670_1.R1010 | zf-cchc(HMM:0.0003) |
| 3257 | 129921_1.R1010 | zf-cchc(HMM:0.00053) |
| 3258 | jC-atXLIB327433P2a10a1 | zf-cchc(HMM:0.0017) |
| 3259 | 108675_1.R1010 | zf-cchc(HMM:0.012) |
| 3260 | LIB3177-077-P1-K1-E7 | zf-cchc(HMM:0.15) |
| 3261 | 1200_1.R1010 | zf-cchc(HMM:1.2e-05) |
| 3262 | 22484_1.R1010 | zf-cchc(HMM:1.5e-06) |
| 3263 | 11483_1.R1010 | zf-cchc(HMM:1.5e-17) |
| 3264 | LIB3176-047-P1-K1-D4 | zf-cchc(HMM:1.7e-12) |
| 3265 | 2763645 | zf-cchc(HMM:2.6e-06) |
| 3266 | 13021_1.R1010 | zf-cchc(HMM:2.9e-11) |
| 3267 | 129234_1.R1010 | zf-cchc(HMM:4.1e-15) |
| 3268 | 3418_1.R1010 | zf-cchc(HMM:4.5e-05) |
| 3269 | LIB3176-069-P1-K1-H8 | zf-constans(HMM:0.00032) |
| 3270 | 47549_1.R1010 | zf-constans(HMM:1.3e-14) |
| 3271 | 28795_1.R1010 | zf-constans(HMM:1.8e-31) |
| 3272 | 74055_1.R1010 | zf-constans(HMM:1.9e-16) |
| 3273 | 315827 | zf-constans(HMM:1e-10) |
| 3274 | 28040_1.R1010 | zf-constans(HMM:1e-25) |
| 3275 | 131318_1.R1010 | zf-constans(HMM:2.1e-18) |
| 3276 | 7711_1.R1010 | zf-constans(HMM:2.3e-14) |
| 3277 | 2733155 | zf-constans(HMM:2.7e-12) |
| 3278 | 13864_8.R1010 | zf-constans(HMM:3.3e-10) |
| 3279 | 13864_3.R1010 | zf-constans(HMM:3.9e-31) |
| 3280 | 906416 | zf-constans(HMM:4.8e-38) |
| 3281 | 35325_1.R1010 | zf-constans(HMM:5.6e-36) |
| 3282 | 1216676 | zf-constans(HMM:5e-07) |
| 3283 | jC-atXN442143a1 | zf-constans(HMM:9.6e-10) |
| 3284 | 1159714 | zf-constans(HMM:9e-20) |
| 3285 | 2048672 | zf-mynd(HMM:0.037) |

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| 3286 | 123095_1.R1010 | zf-mynd(HMM:0.27) |
| 3287 | 117076_1.R1010 | zf-mynd(HMM:0.85) |
| 3288 | 102319_2.R1010 | zf-mynd(HMM:2.3e-11) |
| 3289 | 93572_1.R1010 | zz(HMM:0.045) |
| 3290 | 2470_1.R1010 | zz(HMM:5.8e-08) |
| 3291 | 550153 | zz(HMM:7.6e-07) |

123095_1.R1010

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| 3344 | 159357_2.R1011.f4 | 14-3-3(HMM:5.7e-05) |
| 3345 | xsy700213601.h1.f2 | 14-3-3(HMM:5.9e-05) |
| 3346 | LIB189-013-Q1-E1-G10.f2 | 14-3-3(HMM:5e-08) |
| 3347 | LIB3066-009-Q1-K1-A4.f1 | 14-3-3(HMM:5e-09) |
| 3348 | LIB3076-026-Q1-K1-B8.f1 | 14-3-3(HMM:6) |
| 3349 | LIB3066-042-Q1-K1-B8.f1 | 14-3-3(HMM:6.1e-34) |
| 3350 | LIB3150-097-P1-N1-B9.f3 | 14-3-3(HMM:6.4e-16) |
| 3351 | LIB3279-014-P1-K1-E9.f3 | 14-3-3(HMM:6.6e-37) |
| 3352 | LIB84-028-Q1-E1-H8.f3 | 14-3-3(HMM:6e-05) |
| 3353 | 566_13.R1011.f2 | 14-3-3(HMM:7.2e-12) |
| 3354 | 566_22.R1011.f1 | 14-3-3(HMM:7.2e-12) |
| 3355 | 1410_6.R1011.f1 | 14-3-3(HMM:7.3e-19) |
| 3356 | uwc700153165.h1.f2 | 14-3-3(HMM:7.4e-31) |
| 3357 | LIB3069-008-Q1-K1-A8.f1 | 14-3-3(HMM:7.5e-25) |
| 3358 | 594_11.R1011.f3 | 14-3-3(HMM:7.7e-10) |
| 3359 | uC-zmflb73008g02b1.f1 | 14-3-3(HMM:8.4e-09) |
| 3360 | uC-zmflmo17248f03b1.f3 | 14-3-3(HMM:8.8e-06) |
| 3361 | 1410_2.R1011.f3 | 14-3-3(HMM:9.1e-113) |
| 3362 | uC-zmroB73017b10b1.f3 | 14-3-3(HMM:9.8e-28) |
| 3363 | 159326_1.R1011.f4 | ank(HMM:0.00011) |
| 3364 | pmx700086003.h1.f1 | ank(HMM:0.00043) |
| 3365 | 141962_2.R1011.f1 | ank(HMM:0.00055) |
| 3366 | 820_2.R1011.f3 | ank(HMM:0.0013) |
| 3367 | uC-zmflmo17029f11b1.f2 | ank(HMM:0.0031) |
| 3368 | pmx700082632.h1.f1 | ank(HMM:0.01) |
| 3369 | 195040_2.R1011.f4 | ank(HMM:0.011) |
| 3370 | nbm700469772.h1.f6 | ank(HMM:0.021) |
| 3371 | 104308_1.R1011.f3 | ank(HMM:0.037) |
| 3372 | uC-zmroteosinte018g09b1.f1 | ank(HMM:0.047) |
| 3373 | wev700404933.h1.f3 | ank(HMM:0.05) |
| 3374 | gct701171021.h1.f1 | ank(HMM:0.054) |
| 3375 | 1726_1.R1011.f3 | ank(HMM:0.085) |
| 3376 | 36318_1.R1011.f3 | ank(HMM:0.15) |
| 3377 | uC-zmflb73119g02b1.f5 | ank(HMM:0.35) |
| 3378 | 45856_2.R1011.f2 | ank(HMM:0.49) |
| 3379 | 68346_1.R1011.f2 | ank(HMM:1.1e-05) |
| 3380 | 4075_1.R1011.f5 | ank(HMM:1.1e-07) |
| 3381 | 11869_2.R1011.f3 | ank(HMM:1.1e-40) |
| 3382 | 83366_1.R1011.f2 | ank(HMM:1.2e-08) |
| 3383 | 64217_2.R1011.f3 | ank(HMM:1.2e-15) |
| 3384 | 410_1.R1011.f1 | ank(HMM:1.3e-13) |
| 3385 | 543_33.R1011.f2 | ank(HMM:1.3e-16) |
| 3386 | 117287_1.R1011.f2 | ank(HMM:1.4e-07) |
| 3387 | 133011_1.R1011.f5 | ank(HMM:1.4e-07) |
| 3388 | 4893_1.R1011.f3 | ank(HMM:1.4e-23) |
| 3389 | 109900_1.R1011.f2 | ank(HMM:1.7e-08) |
| 3390 | LIB3150-043-Q1-N1-F3.f3 | ank(HMM:1.7e-12) |
| 3391 | xjt700093366.h1.f1 | ank(HMM:1.8e-07) |
| 3392 | 182080_2.R1011.f5 | ank(HMM:1.9e-21) |
| 3393 | 56561_1.R1011.f3 | ank(HMM:1e-23) |
| 3394 | xjt700093477.h1.f2 | ank(HMM:2.1e-18) |
| 3395 | 138593_1.R1011.f2 | ank(HMM:2.2e-08) |
| 3396 | 40207_1.R1011.f2 | ank(HMM:2.5e-11) |
| 3397 | 15021_2.R1011.f2 | ank(HMM:2.6e-20) |

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| 3398 | 2823_1.R1011.f2 | ank(HMM:2.6e-21) |
| 3399 | 59015_1.R1011.f3 | ank(HMM:2.6e-29) |
| 3400 | 153362_1.R1011.f6 | ank(HMM:2.7e-32) |
| 3401 | 820_1.R1011.f1 | ank(HMM:2.7e-33) |
| 3402 | 64217_1.R1011.f1 | ank(HMM:2e-20) |
| 3403 | 35891_1.R1011.f1 | ank(HMM:2e-26) |
| 3404 | 312551_1.R1011.f3 | ank(HMM:2e-29) |
| 3405 | 237913_1.R1011.f3 | ank(HMM:3.3e-05) |
| 3406 | 117462_1.R1011.f3 | ank(HMM:3.5e-05) |
| 3407 | hbs701184147.h1.f2 | ank(HMM:3.5e-11) |
| 3408 | uC-zmflb73093c09b2.f3 | ank(HMM:3.6e-11) |
| 3409 | 148636_1.R1011.f3 | ank(HMM:3.7e-07) |
| 3410 | 280157_1.R1011.f3 | ank(HMM:3.7e-09) |
| 3411 | xsy700212143.h1.f1 | ank(HMM:4.2e-06) |
| 3412 | 13225_1.R1011.f1 | ank(HMM:4.2e-17) |
| 3413 | 11923_1.R1011.f3 | ank(HMM:4.2e-19) |
| 3414 | 42370_1.R1011.f1 | ank(HMM:4.3e-09) |
| 3415 | LIB3062-043-Q1-K1-G11.f3 | ank(HMM:4.3e-15) |
| 3416 | 56078_1.R1011.f3 | ank(HMM:4.4e-47) |
| 3417 | LIB3079-055-Q1-K1-A7.f2 | ank(HMM:4.6e-05) |
| 3418 | LIB3150-064-P1-N1-E1.f1 | ank(HMM:4.6e-11) |
| 3419 | 113335_1.R1011.f1 | ank(HMM:4.8e-08) |
| 3420 | 12732_1.R1011.f2 | ank(HMM:4e-37) |
| 3421 | uC-zmflb73349e02a2.f2 | ank(HMM:5.3e-11) |
| 3422 | xyt700344979.h1.f1 | ank(HMM:5.4e-11) |
| 3423 | zla700380073.h1.f1 | ank(HMM:5.5e-07) |
| 3424 | 141967_1.R1011.f3 | ank(HMM:6.4e-32) |
| 3425 | 211171_1.R1011.f2 | ank(HMM:6.7e-20) |
| 3426 | uC-zmflmo17339f04b1.f3 | ank(HMM:6.8e-05) |
| 3427 | gwl700614359.h1.f1 | ank(HMM:6e-15) |
| 3428 | 166006_1.R1011.f5 | ank(HMM:7.7e-16) |
| 3429 | 130820_1.R1011.f3 | ank(HMM:8.1e-07) |
| 3430 | 45856_1.R1011.f1 | ank(HMM:8.3e-33) |
| 3431 | 2823_2.R1011.f2 | ank(HMM:8.6e-13) |
| 3432 | uC-zmrob73012e01b1.f3 | ank(HMM:8e-09) |
| 3433 | qmh700030596.f1.f3 | ap2-domain(HMM:0.00022) |
| 3434 | uC-zmflmo17278e09b1.f3 | ap2-domain(HMM:0.00025) |
| 3435 | 153248_1.R1011.f2 | ap2-domain(HMM:0.00029) |
| 3436 | uC-zmroteosintel119c10b1.f2 | ap2-domain(HMM:0.00029) |
| 3437 | LIB3075-022-Q1-K1-A3.f3 | ap2-domain(HMM:0.00032) |
| 3438 | LIB3150-014-Q1-N1-B12.f3 | ap2-domain(HMM:0.00038) |
| 3439 | rvl700458374.h1.f3 | ap2-domain(HMM:0.0027) |
| 3440 | LIB3062-027-Q1-K1-B1.f3 | ap2-domain(HMM:0.0031) |
| 3441 | hbs701183475.h1.f3 | ap2-domain(HMM:0.0033) |
| 3442 | g5499545.f3 | ap2-domain(HMM:0.0037) |
| 3443 | LIB3076-043-Q1-K1-H9.f2 | ap2-domain(HMM:0.0085) |
| 3444 | qmh700029224.f1.f3 | ap2-domain(HMM:0.009) |
| 3445 | LIB3150-014-Q1-N1-B11.f2 | ap2-domain(HMM:0.0091) |
| 3446 | 56107_1.R1011.f2 | ap2-domain(HMM:0.015) |
| 3447 | 7011_1.R1011.f1 | ap2-domain(HMM:0.015) |
| 3448 | 354982_1.R1011.f2 | ap2-domain(HMM:0.045) |
| 3449 | uC-zmflmo17132f01a1.f5 | ap2-domain(HMM:0.053) |
| 3450 | 105425_1.R1011.f3 | ap2-domain(HMM:0.21) |
| 3451 | LIB3150-034-Q1-N1-F5.f3 | ap2-domain(HMM:0.21) |

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| 3452 | LIB3279-060-P1-K1-B2.f3 | ap2-domain(HMM:0.78) |
| 3453 | kem700610879.h1.f3 | ap2-domain(HMM:0.89) |
| 3454 | LIB3078-051-Q1-K1-C6.f1 | ap2-domain(HMM:1.1) |
| 3455 | LIB3066-002-Q1-K1-E6.f2 | ap2-domain(HMM:1.1e-27) |
| 3456 | LIB143-064-Q1-E1-H9.f3 | ap2-domain(HMM:1.2e-09) |
| 3457 | 115159_1.R1011.f2 | ap2-domain(HMM:1.2e-12) |
| 3458 | 14954_2.R1011.f1 | ap2-domain(HMM:1.2e-33) |
| 3459 | 57898_1.R1011.f2 | ap2-domain(HMM:1.4e-15) |
| 3460 | pmx700086814.h1.f3 | ap2-domain(HMM:1.4e-18) |
| 3461 | LIB83-014-Q1-E1-E11.f1 | ap2-domain(HMM:1.4e-30) |
| 3462 | LIB84-013-Q1-E1-H4.f1 | ap2-domain(HMM:1.4e-32) |
| 3463 | LIB3115-032-P1-K1-F11.f1 | ap2-domain(HMM:1.5e-31) |
| 3464 | 94442_1.R1011.f3 | ap2-domain(HMM:1.5e-34) |
| 3465 | fC-zmst700620948a1.f2 | ap2-domain(HMM:1.6e-26) |
| 3466 | uC-zmflmo17073g07b1.f3 | ap2-domain(HMM:1.8e-27) |
| 3467 | 151326_1.R1011.f3 | ap2-domain(HMM:1.8e-36) |
| 3468 | 18554_1.R1011.f1 | ap2-domain(HMM:1.8e-36) |
| 3469 | 11285_1.R1011.f1 | ap2-domain(HMM:1.9e-29) |
| 3470 | uwc700156315.h1.f3 | ap2-domain(HMM:1e-10) |
| 3471 | 19862_2.R1011.f1 | ap2-domain(HMM:1e-32) |
| 3472 | uC-zmflmo17067g09b1.f3 | ap2-domain(HMM:2.1e-06) |
| 3473 | 1134_1.R1011.f1 | ap2-domain(HMM:2.1e-68) |
| 3474 | 69375_1.R1011.f2 | ap2-domain(HMM:2.2e-20) |
| 3475 | LIB3279-008-P1-K1-H11.f3 | ap2-domain(HMM:2.3) |
| 3476 | 1015_1.R1011.f2 | ap2-domain(HMM:2.4e-66) |
| 3477 | uC-zmflm017207f07b1.f1 | ap2-domain(HMM:2.5e-36) |
| 3478 | 18_1.R1011.f3 | ap2-domain(HMM:2.5e-38) |
| 3479 | 21410_1.R1011.f3 | ap2-domain(HMM:2.7e-39) |
| 3480 | LIB3062-015-Q1-K1-F11.f2 | ap2-domain(HMM:2.7e-40) |
| 3481 | LIB3066-002-Q1-K1-D7.f3 | ap2-domain(HMM:2.9e-09) |
| 3482 | LIB3066-025-Q1-K1-D10.f1 | ap2-domain(HMM:2e-36) |
| 3483 | LIB3279-060-P1-K1-B7.f3 | ap2-domain(HMM:3.1e-11) |
| 3484 | 13324_1.R1011.f2 | ap2-domain(HMM:3.1e-27) |
| 3485 | 47138_1.R1011.f2 | ap2-domain(HMM:3.3) |
| 3486 | LIB3062-046-Q1-K1-B1.f3 | ap2-domain(HMM:3.4e-19) |
| 3487 | 91505_1.R1011.f2 | ap2-domain(HMM:3.4e-26) |
| 3488 | 19319_1.R1011.f5 | ap2-domain(HMM:3.5e-09) |
| 3489 | fC-zmst700623908a1.f2 | ap2-domain(HMM:3.5e-48) |
| 3490 | 18_5.R1011.f3 | ap2-domain(HMM:3.7) |
| 3491 | uC-zmflmo17092h11b1.f2 | ap2-domain(HMM:3.7e-05) |
| 3492 | 282965_1.R1011.f1 | ap2-domain(HMM:3.7e-36) |
| 3493 | 788_1.R1011.f3 | ap2-domain(HMM:3.7e-62) |
| 3494 | tfd700573489.h2.f2 | ap2-domain(HMM:3e-41) |
| 3495 | zla700380117.h1.f3 | ap2-domain(HMM:4.1) |
| 3496 | 176781_1.R1011.f5 | ap2-domain(HMM:4.1e-14) |
| 3497 | vux700161592.h1.f1 | ap2-domain(HMM:4.2e-30) |
| 3498 | 1134_2.R1011.f1 | ap2-domain(HMM:4.5e-56) |
| 3499 | cjh700197716.h1.f2 | ap2-domain(HMM:4.8e-37) |
| 3500 | LIB3062-042-Q1-K1-A4.f1 | ap2-domain(HMM:5.1e-12) |
| 3501 | 369_1.R1011.f4 | ap2-domain(HMM:5.1e-38) |
| 3502 | LIB3156-001-Q1-K1-H9.f2 | ap2-domain(HMM:5.3e-26) |
| 3503 | 14954_1.R1011.f2 | ap2-domain(HMM:5.4e-33) |
| 3504 | 42286_1.R1011.f2 | ap2-domain(HMM:5.6e-37) |
| 3505 | LIB3137-013-Q1-K1-H10.f3 | ap2-domain(HMM:7.2e-07) |

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| 3544 | 167490_1.R1011.f3 | arf(HMM:4.1e-84),b3(HMM:5e-29) |
| 3545 | uC-zmroteosinte011c06b1.f1 | arf(HMM:4.4) |
| 3546 | 5206_1.R1011.f3 | arf(HMM:4.5e-15),iaa(HMM:7.3e-42) |
| 3547 | 40180_1.R1011.f6 | arf(HMM:4.6e-18),b3(HMM:0.39) |
| 3548 | ymt700219207.h1.f2 | arf(HMM:4.8e-07) |
| 3549 | nbm700473253.h1.f2 | arf(HMM:5.5e-05),b3(HMM:1.4e-14) |
| 3550 | rvt700551414.h1.f1 | arf(HMM:5.7e-22) |
| 3551 | xjt700096660.h1.f2 | arf(HMM:5e-14) |
| 3552 | 14342_1.R1011.f2 | arf(HMM:6.5e-21),iaa(HMM:1.6e-35) |
| 3553 | xsy700212223.h1.f2 | arf(HMM:8.1),b3(HMM:2.2e-13) |
| 3554 | uC-zmflmo17242d12b1.f2 | arf(HMM:8.2e-11) |
| 3555 | 4856_1.R1011.f3 | arf(HMM:8.5e-13) |
| 3556 | 136361_1.R1011.f1 | arf(HMM:8.7e-15) |
| 3557 | uC-zmflmo17187e06b1.f3 | arf(HMM:9.5e-13),b3(HMM:3.9e-34) |
| 3558 | uC-zmflmo17020c04b1.f2 | arf(HMM:9.7e-13),b3(HMM:1.2e-08) |
| 3559 | rvt700549405.h1.f3 | arf(HMM:9.9e-06),b3(HMM:7.9e-10) |
| 3560 | 26695_1.R1011.f6 | arid(HMM:0.012) |
| 3561 | pmx700085770.h1.f1 | arid(HMM:0.067) |
| 3562 | 12446_1.R1011.f2 | arid(HMM:5.8e-06) |
| 3563 | 61331_1.R1011.f3 | athook(HMM:0.067),linker_histo |
| 3564 | LIB3066-045-Q1-K1-G6.f3 | ne(HMM:4.5e-18) |
| 3565 | cyk700051980.f1.f3 | b3(HMM:0.00014) |
| 3566 | 61168_1.R1011.f2 | b3(HMM:0.0022) |
| 3567 | 64730_3.R1011.f3 | b3(HMM:1.2e-62) |
| 3568 | 138382_1.R1011.f1 | b3(HMM:1.8e-17) |
| 3569 | uC-zmflmo17150d04b1.f1 | b3(HMM:1.9e-47) |
| 3570 | g2437851.f3 | b3(HMM:2.6e-13) |
| 3571 | 112988_1.R1011.f6 | b3(HMM:3.8e-11) |
| 3572 | 595_1.R1011.f1 | b3(HMM:3e-06) |
| 3573 | uC-zmroteosinte109f10b3.f2 | b3(HMM:4.4e-72) |
| 3574 | 64730_1.R1011.f1 | b3(HMM:5.5e-08) |
| 3575 | 155104_1.R1011.f3 | b3(HMM:8e-34) |
| 3576 | LIB3069-031-Q1-K1-A4.f1 | b3(HMM:9.8e-39) |
| 3577 | 122916_1.R1011.f2 | bah(HMM:0.00023) |
| 3578 | 20651_1.R1011.f2 | bah(HMM:0.01) |
| 3579 | 4802_1.R1011.f3 | bah(HMM:1.6e-17),phd(HMM:2.6e-06) |
| 3580 | uC-zmflmo17280e09b1.f1 | bah(HMM:1.7e-36),phd(HMM:9e-13) |
| 3581 | 189689_1.R1011.f1 | bah(HMM:1.9e-09) |
| 3582 | 139677_1.R1011.f2 | bah(HMM:1e-09) |
| 3583 | uC-zmroB73015h11b1.f2 | bah(HMM:1e-26) |
| 3584 | uC-zmflb73057c03a2.f6 | bah(HMM:2.6e-30),phd(HMM:0.0085) |
| 3585 | 67623_1.R1011.f1 | bah(HMM:5.1e-05) |
| | | bah(HMM:8.8e-07) |

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| 3586 | 774_1.R1011.f1 | bpf-1(HMM:0) |
| 3587 | 774_2.R1011.f3 | bpf-1(HMM:0) |
| 3588 | uC-zmflb73318h08b1.f1 | bpf-1(HMM:3.3e-12) |
| 3589 | uC-zmflb73193b04b1.f1 | bpf-1(HMM:4.2e-12) |
| 3590 | LIB3066-049-Q1-K1-B3.f2 | bpf-1(HMM:4.5e-32) |
| 3591 | uC-zmflmo17187a03b1.f3 | bpf-1(HMM:5.2e-13) |
| 3592 | LIB3279-059-P1-K1-C4.f1 | bpf-1(HMM:7.7e-36) |
| 3593 | uC-zmflb73212e04a1.f2 | bromodomain(HMM:0.00071) |
| 3594 | nbm700467939.h1.f2 | bromodomain(HMM:0.0011) |
| 3595 | 77245_1.R1011.f3 | bromodomain(HMM:0.0019) |
| 3596 | 76108_1.R1011.f3 | bromodomain(HMM:0.082) |
| 3597 | ymt700223701.h1.f1 | bromodomain(HMM:0.41) |
| 3598 | xjt700092623.h1.f1 | bromodomain(HMM:0.55) |
| 3599 | 266593_1.R1011.f1 | bromodomain(HMM:1.5e-09) |
| 3600 | 31955_1.R1011.f2 | bromodomain(HMM:1.5e-19) |
| 3601 | pmx700090964.h1.f3 | bromodomain(HMM:2.8e-22) |
| 3602 | 45171_1.R1011.f1 | bromodomain(HMM:4.7e-25) |
| 3603 | nwy700447086.h1.f1 | bromodomain(HMM:5.4e-14) |
| 3604 | 77056_1.R1011.f2 | bromodomain(HMM:5e-07) |
| 3605 | 66917_1.R1011.f1 | bromodomain(HMM:6.1e-29) |
| 3606 | 58940_1.R1011.f2 | bromodomain(HMM:6.4e-12) |
| 3607 | wen700334517.h1.f3 | bromodomain(HMM:7.9) |
| 3608 | 12516_1.R1011.f3 | bromodomain(HMM:9.5e-05) |
| 3609 | 77258_1.R1011.f3 | bromodomain(HMM:9.8e-32) |
| 3610 | wen700332659.h1.f1 | bromodomain(HMM:9e-31) |
| 3611 | pmx700090579.h1.f2 | btb(HMM:0.00013) |
| 3612 | uC-zmflmo17309d06b1.f2 | btb(HMM:0.00014) |
| 3613 | 94638_1.R1011.f1 | btb(HMM:0.00028) |
| 3614 | wyr700242203.h1.f2 | btb(HMM:0.023) |
| 3615 | LIB148-012-Q1-E1-E4.f1 | btb(HMM:0.039) |
| 3616 | 79402_1.R1011.f1 | btb(HMM:0.083) |
| 3617 | 5427_2.R1011.f4 | btb(HMM:0.18) |
| 3618 | 24283_1.R1011.f1 | btb(HMM:1.2e-26) |
| 3619 | 67288_1.R1011.f3 | btb(HMM:1.4) |
| 3620 | 46942_1.R1011.f1 | btb(HMM:1.4e-28) |
| 3621 | 56570_1.R1011.f1 | btb(HMM:1.5e-20) |
| 3622 | 136749_1.R1011.f3 | btb(HMM:1.8e-08) |
| 3623 | 230586_1.R1011.f2 | btb(HMM:1.8e-08) |
| 3624 | 36908_1.R1011.f2 | btb(HMM:1.9e-20) |
| 3625 | vfk700404896.h1.f1 | btb(HMM:1e-05) |
| 3626 | qmh700028765.f1.f3 | btb(HMM:3.5) |
| 3627 | LIB189-031-Q1-E1-F6.f1 | btb(HMM:4.5e-17) |
| 3628 | 117075_1.R1011.f3 | bzip(HMM:0.00045) |
| 3629 | 19767_2.R1011.f3 | bzip(HMM:0.0012) |
| 3630 | g297019.f1 | bzip(HMM:0.0019) |
| 3631 | 183787_1.R1011.f6 | bzip(HMM:0.0021) |
| 3632 | 184_1.R1011.f3 | bzip(HMM:0.0023) |
| 3633 | 19767_1.R1011.f2 | bzip(HMM:0.0029) |
| 3634 | 796_1.R1011.f3 | bzip(HMM:0.0036) |
| 3635 | 94067_1.R1011.f3 | bzip(HMM:0.0037) |
| 3636 | LIB3078-008-Q1-K1-A8.f2 | bzip(HMM:0.0046) |
| 3637 | 80936_1.R1011.f3 | bzip(HMM:0.0058) |
| 3638 | 80936_3.R1011.f2 | bzip(HMM:0.0058) |
| 3639 | 66094_2.R1011.f1 | bzip(HMM:0.0073) |

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| 3640 | fC-zmro700834891.f1.f4 | bzip(HMM:0.0084) |
| 3641 | 996_1.R1011.f3 | bzip(HMM:0.0098) |
| 3642 | 36566_1.R1011.f1 | bzip(HMM:0.011) |
| 3643 | uC-zmflb73142c04b1.f1 | bzip(HMM:0.011) |
| 3644 | 2705_1.R1011.f3 | bzip(HMM:0.014) |
| 3645 | 246805_1.R1011.f1 | bzip(HMM:0.015) |
| 3646 | xsy700217015.h1.f2 | bzip(HMM:0.031) |
| 3647 | 31891_1.R1011.f2 | bzip(HMM:0.035) |
| 3648 | cyk700051876.f1.f2 | bzip(HMM:0.045) |
| 3649 | 80936_4.R1011.f2 | bzip(HMM:0.053) |
| 3650 | 168_1.R1011.f2 | bzip(HMM:0.074) |
| 3651 | 1894_3.R1011.f3 | bzip(HMM:0.079) |
| 3652 | 16253_1.R1011.f2 | bzip(HMM:0.11) |
| 3653 | uC-zmflmo17113b02b1.f1 | bzip(HMM:0.11) |
| 3654 | LIB83-001-Q1-E1-H6.f3 | bzip(HMM:0.17) |
| 3655 | 26070_2.R1011.f1 | bzip(HMM:0.23) |
| 3656 | xyt700343308.h1.f1 | bzip(HMM:0.25) |
| 3657 | LIB3180-035-P2-M2-D10.f2 | bzip(HMM:0.42) |
| 3658 | 80936_2.R1011.f3 | bzip(HMM:1) |
| 3659 | LIB3156-017-Q1-K1-B12.f1 | bzip(HMM:1.3) |
| 3660 | 9912_2.R1011.f2 | bzip(HMM:1.3e-16) |
| 3661 | 6292_1.R1011.f3 | bzip(HMM:1.4e-12) |
| 3662 | 65710_1.R1011.f1 | bzip(HMM:1.4e-12) |
| 3663 | 66302_1.R1011.f3 | bzip(HMM:1.5) |
| 3664 | 559_1.R1011.f2 | bzip(HMM:1.5e-19) |
| 3665 | 559_2.R1011.f1 | bzip(HMM:1.5e-19) |
| 3666 | 69626_1.R1011.f3 | bzip(HMM:1.6e-21) |
| 3667 | 11877_1.R1011.f2 | bzip(HMM:1.7) |
| 3668 | fC-zmro700807549a1.f3 | bzip(HMM:1.7e-15) |
| 3669 | uC-zmflmo17240b07b1.f1 | bzip(HMM:1.7e-16) |
| 3670 | uC-zmflmo17219e03b1.f3 | bzip(HMM:1.8e-05) |
| 3671 | 174_1.R1011.f3 | bzip(HMM:1e-06) |
| 3672 | LIB3067-002-Q1-K1-D4.f3 | bzip(HMM:1e-08) |
| 3673 | 76804_1.R1011.f1 | bzip(HMM:1e-09) |
| 3674 | 35221_3.R1011.f3 | bzip(HMM:2.1e-12) |
| 3675 | 19923_1.R1011.f1 | bzip(HMM:2.1e-15) |
| 3676 | 30964_1.R1011.f1 | bzip(HMM:2.2e-13) |
| 3677 | 3559_2.R1011.f3 | bzip(HMM:2.3e-06) |
| 3678 | 875_1.R1011.f3 | bzip(HMM:2.4e-21) |
| 3679 | LIB3136-025-Q1-K1-G3.f2 | bzip(HMM:2.4e-21) |
| 3680 | 795_1.R1011.f3 | bzip(HMM:2.6e-16) |
| 3681 | uC-zmroteosinte090c12b2.f2 | bzip(HMM:2.9e-10) |
| 3682 | 11539_1.R1011.f1 | bzip(HMM:2.9e-11) |
| 3683 | 149215_1.R1011.f1 | bzip(HMM:2e-05) |
| 3684 | LIB3136-008-Q1-K1-F12.f2 | bzip(HMM:2e-06) |
| 3685 | 62007_1.R1011.f1 | bzip(HMM:2e-11) |
| 3686 | 548_1.R1011.f2 | bzip(HMM:3e-17) |
| 3687 | 495_1.R1011.f1 | bzip(HMM:4.5e-14) |
| 3688 | 13140_1.R1011.f3 | bzip(HMM:4.9e-07) |
| 3689 | 80158_1.R1011.f1 | bzip(HMM:5.1e-20) |
| 3690 | 66094_1.R1011.f3 | bzip(HMM:5.3e-13) |
| 3691 | 93670_1.R1011.f2 | bzip(HMM:5.4e-13) |
| 3692 | 93670_2.R1011.f1 | bzip(HMM:5.4e-13) |
| 3693 | uC-zmflMo17086c07b1.f2 | bzip(HMM:5.4e-21) |

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| 3694 | uC-zmflmo17023a04b1.f3 | bzip(HMM:5.8e-05) |
| 3695 | 12102_1.R1011.f1 | bzip(HMM:6.6e-14) |
| 3696 | 91750_1.R1011.f2 | bzip(HMM:6.8e-08) |
| 3697 | LIB3062-026-Q1-K1-D6.f1 | bzip(HMM:6.9e-21) |
| 3698 | 171_1.R1011.f3 | bzip(HMM:7.1e-21) |
| 3699 | qmh700028533.f1.f3 | bzip(HMM:7.3e-18) |
| 3700 | 111526_1.R1011.f3 | bzip(HMM:7.5e-12) |
| 3701 | 9912_1.R1011.f3 | bzip(HMM:8.1e-17) |
| 3702 | 78927_1.R1011.f2 | bzip(HMM:8.2) |
| 3703 | 495_2.R1011.f1 | bzip(HMM:9.1e-15) |
| 3704 | uC-zmroteosinte106e02b2.f1 | bzip(HMM:9.3e-15) |
| 3705 | 793_4.R1011.f1 | cbfd_nfyb_hmf(HMM:0.00056) |
| 3706 | cyk700048913.f1.f1 | cbfd_nfyb_hmf(HMM:0.0069) |
| 3707 | 3683_1.R1011.f2 | cbfd_nfyb_hmf(HMM:0.1) |
| 3708 | LIB3076-053-Q1-E1-F1.f2 | cbfd_nfyb_hmf(HMM:1.1e-19) |
| 3709 | 8110_2.R1011.f2 | cbfd_nfyb_hmf(HMM:1.5e-17) |
| 3710 | 793_1.R1011.f2 | cbfd_nfyb_hmf(HMM:3.3e-37) |
| 3711 | LIB3066-048-Q1-K1-B3.f1 | cbfd_nfyb_hmf(HMM:3.3e-37) |
| 3712 | uC-zmflb73001e01b1.f1 | cbfd_nfyb_hmf(HMM:3.5e-06) |
| 3713 | 25618_1.R1011.f3 | cbfd_nfyb_hmf(HMM:3.6e-27) |
| 3714 | 13043_1.R1011.f3 | cbfd_nfyb_hmf(HMM:5.1e-29) |
| 3715 | LIB3059-019-Q1-K1-A3.f2 | cbfd_nfyb_hmf(HMM:5.9e-23) |
| 3716 | 793_2.R1011.f2 | cbfd_nfyb_hmf(HMM:5e-39) |
| 3717 | uwc700154561.h1.f2 | cbfd_nfyb_hmf(HMM:6.4e-05) |
| 3718 | 8110_1.R1011.f3 | cbfd_nfyb_hmf(HMM:6.8e-19) |
| 3719 | 15049_1.R1011.f1 | cbfd_nfyb_hmf(HMM:6.9e-15) |
| 3720 | 793_3.R1011.f2 | cbfd_nfyb_hmf(HMM:9.2e-38) |
| 3721 | g5108360.f6 | chromo(HMM:0.016) |
| 3722 | wty700168802.h1.f2 | chromo(HMM:0.02) |
| 3723 | 123177_1.R1011.f3 | chromo(HMM:0.95) |
| 3724 | 65108_1.R1011.f2 | chromo(HMM:2.3e-18) |
| 3725 | ceu700425120.h1.f3 | chromo(HMM:3.9e-05) |
| 3726 | LIB3070-015-Q1-N1-A3.f2 | csd(HMM:0.0019) |
| 3727 | uC-zmflmo17270b10b1.f2 | csd(HMM:1.1),zf- cchc(HMM:0.77) |
| 3728 | LIB3137-035-Q1-K1-C7.f3 | csd(HMM:1.1e-17) |
| 3729 | 22575_1.R1011.f2 | csd(HMM:2.8e-24),zf- cchc(HMM:7.5e-16) |
| 3730 | LIB3180-013-P2-M1-D2.f1 | csd(HMM:5.5e-12) |
| 3731 | 28942_1.R1011.f2 | csd(HMM:5e-22) |
| 3732 | LIB3180-003-P2-M1-G12.f2 | csd(HMM:8.3e-20) |
| 3733 | LIB3182-004-P2-M1-E8.f1 | csd(HMM:9.8e-24) |
| 3734 | LIB3159-016-Q1-K1-C5.f1 | dof(HMM:0.0053) |
| 3735 | 726_1.R1011.f2 | dof(HMM:1.3e-34) |
| 3736 | 119611_1.R1011.f1 | dof(HMM:1.3e-36) |
| 3737 | 76636_1.R1011.f1 | dof(HMM:2.6e-35) |
| 3738 | uC-zmflmo17322b10b1.f1 | dof(HMM:2.7e-35) |
| 3739 | 1164_1.R1011.f1 | dof(HMM:2.8e-36) |
| 3740 | 348176_1.R1011.f3 | dof(HMM:2.9e-05) |
| 3741 | uC-zmflmo17300d10b1.f2 | dof(HMM:6.4e-12) |
| 3742 | 725_1.R1011.f3 | dof(HMM:7e-32) |
| 3743 | 789_1.R1011.f2 | dof(HMM:7e-33) |
| 3744 | 36684_1.R1011.f3 | dof(HMM:8e-08) |
| 3745 | 83493_1.R1011.f2 | dpb(HMM:0.00088) |

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| 3746 | 7415_3.R1011.f2 | dpb(HMM:0.0052) |
| 3747 | 109657_1.R1011.f2 | dpb(HMM:0.012) |
| 3748 | 17195_2.R1011.f2 | dpb(HMM:0.025) |
| 3749 | fxb700397533.h1.f2 | dpb(HMM:0.059) |
| 3750 | 7415_2.R1011.f3 | dpb(HMM:0.07) |
| 3751 | 42447_1.R1011.f3 | dpb(HMM:1.4) |
| 3752 | 7415_4.R1011.f2 | dpb(HMM:1.5e-05) |
| 3753 | 9825_2.R1011.f3 | dpb(HMM:1e-06) |
| 3754 | 109498_1.R1011.f3 | dpb(HMM:3.4e-05) |
| 3755 | uC-zmflb73098h12b1.f3 | dpb(HMM:3.4e-07) |
| 3756 | LIB3137-040-Q1-K1-F12.f2 | dpb(HMM:3.6e-16) |
| 3757 | 8830_1.R1011.f3 | dpb(HMM:3.7e-52) |
| 3758 | 7415_1.R1011.f3 | dpb(HMM:3.9e-74) |
| 3759 | 7415_5.R1011.f3 | dpb(HMM:4.5) |
| 3760 | 8830_2.R1011.f1 | dpb(HMM:4.6e-17) |
| 3761 | 9825_1.R1011.f1 | dpb(HMM:8.7e-10) |
| 3762 | uC-zmroteosinte053e10b2.f2 | enbp(HMM:0.00091) |
| 3763 | 175089_1.R1011.f6 | enbp(HMM:0.23) |
| 3764 | 4_3.R1011.f1 | enbp(HMM:2.5e-05) |
| 3765 | 25860_1.R1011.f3 | enbp(HMM:3.1e-26) |
| 3766 | uC-zmroteosinte038a09b1.f6 | enbp(HMM:3e-08) |
| 3767 | g4646558.f2 | enbp(HMM:3e-21) |
| 3768 | ceu700433052.h1.f3 | enbp(HMM:4.4e-06) |
| 3769 | rvt700551738.h1.f1 | enbp(HMM:4.4e-21) |
| 3770 | LIB3059-014-Q1-K1-D1.f2 | enbp(HMM:4.6e-06) |
| 3771 | uC-zmflmo17300a10b1.f3 | enbp(HMM:5.9e-21) |
| 3772 | 90700_1.R1011.f2 | enbp(HMM:7.1e-15) |
| 3773 | LIB3115-030-P1-K1-C5.f1 | enbp(HMM:9.7e-21) |
| 3774 | xyt700344683.h1.f2 | gata(HMM:0.00021) |
| 3775 | 5422_1.R1011.f2 | gata(HMM:0.0017) |
| 3776 | g5608102.f4 | gata(HMM:0.024) |
| 3777 | 92655_1.R1011.f3 | gata(HMM:1.2e-15) |
| 3778 | g5439296.f5 | gata(HMM:1.6e-11) |
| 3779 | LIB3076-047-Q1-K1-G3.f3 | gata(HMM:1.7e-07) |
| 3780 | LIB3136-044-P1-K1-H10.f2 | gata(HMM:1.7e-15) |
| 3781 | uC-zmflb73054c10b1.f3 | gata(HMM:1e-09) |
| 3782 | 1852_1.R1011.f3 | gata(HMM:3e-06) |
| 3783 | 42120_1.R1011.f6 | gata(HMM:4.3e-08) |
| 3784 | 42120_2.R1011.f5 | gata(HMM:4.3e-08) |
| 3785 | 10646_1.R1011.f1 | gata(HMM:4.5e-15) |
| 3786 | 362_1.R1011.f4 | gata(HMM:4.9e-15) |
| 3787 | ypc700804682.h1.f2 | gata(HMM:7.7e-06) |
| 3788 | LIB3180-020-P2-M1-D3.f1 | gata(HMM:9.6e-15) |
| 3789 | dyk700105142.h1.f2 | gld-tea(HMM:0.00036) |
| 3790 | 83829_1.R1011.f2 | gld-tea(HMM:0.00063) |
| 3791 | uC-zmflb73199e11b1.f3 | gld-tea(HMM:0.0042) |
| 3792 | LIB3070-013-Q1-N1-F11.f1 | gld-tea(HMM:0.0067) |
| 3793 | LIB3150-031-Q1-N1-H9.f1 | gld-tea(HMM:0.011) |
| 3794 | LIB3068-026-Q1-K1-C9.f1 | gld-tea(HMM:0.013),myb_dna-binding(HMM:1.5e-11) |
| 3795 | wyr700239235.h1.f3 | gld-tea(HMM:0.05) |
| 3796 | 56327_1.R1011.f3 | gld-tea(HMM:0.087) |
| 3797 | 111218_2.R1011.f2 | gld-tea(HMM:0.17) |
| 3798 | LIB3150-045-Q1-N1-E10.f2 | gld-tea(HMM:0.33) |

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| 3799 | 111218_1.R1011.f2 | gld-tea(HMM:0.64) |
| 3800 | 11928_1.R1011.f2 | gld-tea(HMM:1.2e-31) |
| 3801 | g5740668.f1 | gld-tea(HMM:1.3e-29) |
| 3802 | 106032_1.R1011.f3 | gld-tea(HMM:1.3e-30) |
| 3803 | 9580_1.R1011.f2 | gld-tea(HMM:1.3e-36) |
| 3804 | uC-zmflb73195h02b1.f1 | gld-tea(HMM:1.8) |
| 3805 | 9580_2.R1011.f3 | gld-tea(HMM:1.8e-31) |
| 3806 | g5607837.f5 | gld-tea(HMM:1e-28) |
| 3807 | 233343_1.R1011.f3 | gld-tea(HMM:2.1e-17) |
| 3808 | 63245_1.R1011.f1 | gld-tea(HMM:2.3e-19) |
| 3809 | LIB3136-049-Q1-K1-D5.f2 | gld-tea(HMM:3.1e-31) |
| 3810 | ypc700804994.h1.f2 | gld-tea(HMM:3.1e-34) |
| 3811 | 22554_1.R1011.f2 | gld-tea(HMM:4.2e-29) |
| 3812 | 127865_1.R1011.f3 | gld-tea(HMM:4.4e-30) |
| 3813 | wen700332259.h1.f1 | gld-tea(HMM:4.9e-07) |
| 3814 | wyr700239376.h1.f1 | gld-tea(HMM:5.4e-27) |
| 3815 | LIB3088-004-Q1-K1-A4.f2 | gld-tea(HMM:5.9e-12) |
| 3816 | 15271_1.R1011.f3 | gld-tea(HMM:6.2e-24) |
| 3817 | yyf700349742.h1.f1 | gld-tea(HMM:8.3) |
| 3818 | 117481_1.R1011.f1 | gld-tea(HMM:9.1e-36) |
| 3819 | 12948_1.R1011.f3 | hhh(HMM:3.6e-05) |
| 3820 | 1052_1.R1011.f2 | hhh(HMM:3e-08) |
| 3821 | 1053_1.R1011.f1 | hhh(HMM:9.2e-07) |
| 3822 | dyk700102440.h1.f2 | hist_deacetyl(HMM:0.00015) |
| 3823 | uC-zmflmo17050g12b2.f2 | hist_deacetyl(HMM:0.00038) |
| 3824 | LIB3152-001-Q1-K1-B2.f2 | hist_deacetyl(HMM:1.1e-10) |
| 3825 | 30591_1.R1011.f3 | hist_deacetyl(HMM:1.2e-146) |
| 3826 | ceu700432474.h1.f1 | hist_deacetyl(HMM:1.3) |
| 3827 | 187025_1.R1011.f2 | hist_deacetyl(HMM:1.8e-10) |
| 3828 | 200741_1.R1011.f3 | hist_deacetyl(HMM:1e-10) |
| 3829 | 6786_1.R1011.f2 | hist_deacetyl(HMM:1e-37) |
| 3830 | 1011_1.R1011.f1 | hist_deacetyl(HMM:2.2e-160) |
| 3831 | 72749_1.R1011.f2 | hist_deacetyl(HMM:2.8e-51) |
| 3832 | cyk700047402.f1.f1 | hist_deacetyl(HMM:3.5e-15) |
| 3833 | rvl700454171.h1.f2 | hist_deacetyl(HMM:4.6e-11) |
| 3834 | 994_1.R1011.f3 | hist_deacetyl(HMM:6e-181) |
| 3835 | 304250_1.R1011.f2 | hist_deacetyl(HMM:8.9e-09) |
| 3836 | 3274_1.R1011.f2 | hist_deacetyl(HMM:8.9e-123) |
| 3837 | LIB3150-049-Q1-N1-F11.f1 | hist_deacetyl(HMM:8e-10) |
| 3838 | g4804054.f5 | histone(HMM:0.00011) |
| 3839 | uwc700151004.h1.f3 | histone(HMM:0.00017) |
| 3840 | LIB3150-071-P1-N1-E2.f1 | histone(HMM:0.00023) |
| 3841 | xyt700343992.h1.f2 | histone(HMM:0.00027) |
| 3842 | LIB3279-011-P1-K1-F2.f1 | histone(HMM:0.00035) |
| 3843 | LIB3079-035-Q1-K1-D5.f3 | histone(HMM:0.00045) |
| 3844 | LIB3070-005-Q1-N1-G9.f2 | histone(HMM:0.0005) |
| 3845 | LIB3059-017-Q1-K1-H2.f1 | histone(HMM:0.00058) |
| 3846 | LIB3067-018-Q1-K1-F2.f2 | histone(HMM:0.00065) |
| 3847 | 286579_1.R1011.f1 | histone(HMM:0.00069) |
| 3848 | LIB3150-075-P1-N1-G7.f3 | histone(HMM:0.00077) |
| 3849 | cat700021823.r1.f6 | histone(HMM:0.00083) |
| 3850 | 865_21.R1011.f3 | histone(HMM:0.00084) |
| 3851 | yyf700348078.h1.f3 | histone(HMM:0.00086) |
| 3852 | LIB3150-083-P2-N2-D11.f6 | histone(HMM:0.00093) |

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| 3853 | 292487_1.R1011.f2 | histone(HMM:0.00099) |
| 3854 | cat700020406.r1.f2 | histone(HMM:0.0013) |
| 3855 | cjh700195179.h1.f2 | histone(HMM:0.0014) |
| 3856 | LIB3068-026-Q1-K1-F8.f3 | histone(HMM:0.0014) |
| 3857 | uC-zmflb73177e01b1.f3 | histone(HMM:0.002) |
| 3858 | g5688683.f6 | histone(HMM:0.0024) |
| 3859 | dyk700104373.h1.f2 | histone(HMM:0.0026) |
| 3860 | LIB3070-010-Q1-N1-H2.f1 | histone(HMM:0.003) |
| 3861 | LIB3150-029-Q1-N1-H11.f1 | histone(HMM:0.0032) |
| 3862 | LIB3088-050-Q1-K1-G10.f3 | histone(HMM:0.0035) |
| 3863 | wen700333394.h1.f1 | histone(HMM:0.0035) |
| 3864 | LIB3150-078-P2-N2-D8.f1 | histone(HMM:0.0037) |
| 3865 | pmx700085984.h1.f2 | histone(HMM:0.0041) |
| 3866 | LIB3150-002-Q1-N1-C10.f3 | histone(HMM:0.0045) |
| 3867 | LIB3067-004-Q1-K1-G12.f2 | histone(HMM:0.005) |
| 3868 | ymt700219717.h1.f3 | histone(HMM:0.005) |
| 3869 | g4630548.f6 | histone(HMM:0.0052) |
| 3870 | yyf700349869.h1.f1 | histone(HMM:0.0055) |
| 3871 | pmx700088257.h1.f3 | histone(HMM:0.007) |
| 3872 | cyk700052421.f1.f3 | histone(HMM:0.0074) |
| 3873 | xjt700094901.h1.f6 | histone(HMM:0.008) |
| 3874 | LIB3116-028-P1-K1-C8.f1 | histone(HMM:0.0091) |
| 3875 | LIB3088-041-Q1-K1-D8.f1 | histone(HMM:0.0097) |
| 3876 | gwl700612741.h1.f3 | histone(HMM:0.016) |
| 3877 | LIB3078-019-Q1-K1-H11.f3 | histone(HMM:0.016) |
| 3878 | LIB3088-044-Q1-K1-D2.f2 | histone(HMM:0.017) |
| 3879 | LIB3279-054-P1-K1-D6.f3 | histone(HMM:0.017) |
| 3880 | LIB3279-055-P1-K1-D2.f2 | histone(HMM:0.017) |
| 3881 | LIB3150-050-Q1-N1-E6.f1 | histone(HMM:0.018) |
| 3882 | LIB3158-017-Q1-K1-G9.f1 | histone(HMM:0.018) |
| 3883 | LIB3088-044-Q1-K1-B10.f2 | histone(HMM:0.02) |
| 3884 | rvt700553369.h1.f2 | histone(HMM:0.022) |
| 3885 | uC-zmflb73032h09b1.f2 | histone(HMM:0.022) |
| 3886 | 338_9.R1011.f3 | histone(HMM:0.024) |
| 3887 | 95_13.R1011.f1 | histone(HMM:0.025) |
| 3888 | LIB3070-014-Q1-N1-C4.f1 | histone(HMM:0.028) |
| 3889 | LIB148-064-Q1-E1-B9.f1 | histone(HMM:0.029) |
| 3890 | cat700019176.r1.f1 | histone(HMM:0.031) |
| 3891 | 95_12.R1011.f2 | histone(HMM:0.033) |
| 3892 | cat700019288.r1.f3 | histone(HMM:0.042) |
| 3893 | pmx700089077.h1.f1 | histone(HMM:0.056) |
| 3894 | LIB84-022-Q1-E1-D1.f3 | histone(HMM:0.057) |
| 3895 | xmt700257966.h1.f2 | histone(HMM:0.062) |
| 3896 | LIB3078-038-Q1-K1-B2.f3 | histone(HMM:0.072) |
| 3897 | LIB143-057-Q1-E1-D9.f1 | histone(HMM:0.074) |
| 3898 | ckd700461156.h1.f2 | histone(HMM:0.078) |
| 3899 | LIB3279-014-P1-K1-D8.f1 | histone(HMM:0.078) |
| 3900 | 95_9.R1011.f1 | histone(HMM:0.1) |
| 3901 | vux700158357.h1.f2 | histone(HMM:0.1) |
| 3902 | xjt700094748.h1.f1 | histone(HMM:0.1) |
| 3903 | cat700020560.r1.f2 | histone(HMM:0.11) |
| 3904 | dyk700103145.h1.f2 | histone(HMM:0.12) |
| 3905 | LIB3067-008-Q1-K1-H9.f3 | histone(HMM:0.13) |
| 3906 | wen700333417.h1.f1 | histone(HMM:0.14) |

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| 3907 | 95_22.R1011.f2 | histone(HMM:0.17) |
| 3908 | LIB3076-019-Q1-K1-A2.f3 | histone(HMM:0.17) |
| 3909 | LIB3150-081-P1-N1-G2.f2 | histone(HMM:0.2) |
| 3910 | 95_17.R1011.f3 | histone(HMM:0.27) |
| 3911 | LIB3059-054-Q1-K1-B5.f2 | histone(HMM:0.3) |
| 3912 | qmh700027751.f1.f1 | histone(HMM:0.31) |
| 3913 | 666_1.R1011.f6 | histone(HMM:0.37) |
| 3914 | LIB3279-011-P1-K1-H6.f2 | histone(HMM:0.4) |
| 3915 | LIB3150-043-Q1-N1-C10.f3 | histone(HMM:0.49) |
| 3916 | LIB3070-004-Q1-N1-G12.f1 | histone(HMM:0.5) |
| 3917 | LIB3088-044-Q1-K1-A3.f3 | histone(HMM:0.85) |
| 3918 | 95_23.R1011.f2 | histone(HMM:0.93) |
| 3919 | LIB3088-011-Q1-K1-G7.f1 | histone(HMM:0.98) |
| 3920 | xyt700346501.h1.f3 | histone(HMM:0.99) |
| 3921 | 757_37.R1011.f2 | histone(HMM:1.1) |
| 3922 | yd1700405355.h1.f2 | histone(HMM:1.1e-05) |
| 3923 | LIB3067-056-Q1-K1-F12.f3 | histone(HMM:1.1e-07) |
| 3924 | LIB3150-054-Q1-N1-G11.f2 | histone(HMM:1.1e-16) |
| 3925 | yyf700349182.h1.f1 | histone(HMM:1.1e-16) |
| 3926 | LIB3088-042-Q1-K1-B9.f3 | histone(HMM:1.1e-20) |
| 3927 | LIB3150-032-Q1-N1-G3.f1 | histone(HMM:1.1e-30) |
| 3928 | g5268737.f1 | histone(HMM:1.1e-37) |
| 3929 | 286749_1.R1011.f3 | histone(HMM:1.1e-42) |
| 3930 | 757_11.R1011.f1 | histone(HMM:1.1e-47) |
| 3931 | LIB3279-005-P1-K1-B7.f1 | histone(HMM:1.2e-05) |
| 3932 | xyt700343350.h1.f2 | histone(HMM:1.2e-08) |
| 3933 | rvl700454901.h1.f3 | histone(HMM:1.2e-11) |
| 3934 | g3341056.f4 | histone(HMM:1.2e-13) |
| 3935 | LIB3070-004-Q1-N1-E3.f3 | histone(HMM:1.2e-13) |
| 3936 | LIB3150-052-Q1-N1-B2.f2 | histone(HMM:1.2e-21) |
| 3937 | 865_3.R1011.f3 | histone(HMM:1.2e-51) |
| 3938 | wyr700244484.h1.f1 | histone(HMM:1.3e-06) |
| 3939 | hvj700619851.h1.f2 | histone(HMM:1.3e-08) |
| 3940 | LIB3076-046-Q1-K1-H11.f2 | histone(HMM:1.3e-11) |
| 3941 | LIB3180-038-P2-M2-C6.f2 | histone(HMM:1.3e-14) |
| 3942 | uC-zmflb73163d03a1.f5 | histone(HMM:1.3e-26) |
| 3943 | 757_6.R1011.f1 | histone(HMM:1.3e-45) |
| 3944 | uC-zmflb73359g07a2.f3 | histone(HMM:1.4e-06) |
| 3945 | uwc700153036.h1.f1 | histone(HMM:1.4e-07) |
| 3946 | mwy700442376.h1.f2 | histone(HMM:1.4e-08) |
| 3947 | LIB3137-005-Q1-K1-B9.f6 | histone(HMM:1.4e-11) |
| 3948 | uC-zmroteosinte099g08b2.f1 | histone(HMM:1.4e-16) |
| 3949 | 1672_2.R1011.f2 | histone(HMM:1.4e-43) |
| 3950 | g3341140.f6 | histone(HMM:1.5e-24) |
| 3951 | 338_13.R1011.f3 | histone(HMM:1.5e-34) |
| 3952 | 16775_1.R1011.f1 | histone(HMM:1.5e-49) |
| 3953 | 25582_1.R1011.f6 | histone(HMM:1.5e-49) |
| 3954 | LIB3150-108-P2-K1-D1.f5 | histone(HMM:1.6e-08) |
| 3955 | pmx700082311.h1.f1 | histone(HMM:1.6e-11) |
| 3956 | LIB3070-012-Q1-N1-A8.f3 | histone(HMM:1.6e-18) |
| 3957 | 757_8.R1011.f1 | histone(HMM:1.6e-46) |
| 3958 | 865_1.R1011.f2 | histone(HMM:1.6e-52) |
| 3959 | ckd700461256.h1.f2 | histone(HMM:1.7e-05) |
| 3960 | LIB143-037-Q1-E1-H1.f3 | histone(HMM:1.7e-05) |

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| 3961 | LIB3150-040-Q1-N1-A10.f3 | histone(HMM:1.7e-05) |
| 3962 | LIB3156-011-Q1-K1-C2.f1 | histone(HMM:1.7e-06) |
| 3963 | 41834_1.R1011.f2 | histone(HMM:1.7e-07) |
| 3964 | LIB3150-064-P1-N1-A5.f1 | histone(HMM:1.7e-17) |
| 3965 | LIB3150-035-Q1-N1-E2.f2 | histone(HMM:1.7e-30) |
| 3966 | uC-zmroteosinte051e09b2.f3 | histone(HMM:1.7e-46) |
| 3967 | 757_3.R1011.f2 | histone(HMM:1.7e-47) |
| 3968 | xmt700256940.h1.f2 | histone(HMM:1.8e-06) |
| 3969 | yyf700352343.h1.f1 | histone(HMM:1.8e-14) |
| 3970 | uC-zmflb73306e04b1.f3 | histone(HMM:1.8e-18) |
| 3971 | uC-zmroteosinte059e07b1.f3 | histone(HMM:1.8e-32) |
| 3972 | 757_32.R1011.f1 | histone(HMM:1.9e-06) |
| 3973 | pmx700083528.h1.f1 | histone(HMM:1.9e-06) |
| 3974 | cat700021164.r1.f3 | histone(HMM:1.9e-08) |
| 3975 | LIB3059-042-Q1-K1-F2.f1 | histone(HMM:1.9e-08) |
| 3976 | LIB3067-014-Q1-K1-D10.f1 | histone(HMM:1.9e-08) |
| 3977 | ymt700224008.h1.f1 | histone(HMM:1.9e-13) |
| 3978 | LIB3150-016-Q1-N1-G3.f1 | histone(HMM:1.9e-14) |
| 3979 | LIB3279-011-P1-K1-H2.f3 | histone(HMM:1.9e-16) |
| 3980 | hvj700618938.h1.f2 | histone(HMM:1.9e-17) |
| 3981 | g3341036.f4 | histone(HMM:1.9e-41) |
| 3982 | g5268911.f3 | histone(HMM:1.9e-46) |
| 3983 | xsy700214625.h1.f1 | histone(HMM:1e-05) |
| 3984 | LIB3088-046-Q1-K1-H2.f2 | histone(HMM:1e-11) |
| 3985 | 338_12.R1011.f1 | histone(HMM:1e-29) |
| 3986 | LIB3279-010-P1-K1-E6.f2 | histone(HMM:1e-32) |
| 3987 | 15994_1.R1011.f1 | histone(HMM:1e-49) |
| 3988 | wyr700235659.h1.f3 | histone(HMM:2.1) |
| 3989 | LIB3062-034-Q1-K1-D11.f1 | histone(HMM:2.1e-10) |
| 3990 | 95_6.R1011.f2 | histone(HMM:2.1e-18) |
| 3991 | g3341043.f5 | histone(HMM:2.1e-37) |
| 3992 | 865_6.R1011.f3 | histone(HMM:2.1e-51) |
| 3993 | LIB3150-038-Q1-N1-C5.f2 | histone(HMM:2.2e-07) |
| 3994 | xyt700344851.h1.f3 | histone(HMM:2.2e-07) |
| 3995 | 7649_2.R1011.f1 | histone(HMM:2.2e-09) |
| 3996 | LIB3076-024-Q1-K1-B7.f2 | histone(HMM:2.2e-43) |
| 3997 | 1792_2.R1011.f3 | histone(HMM:2.2e-46) |
| 3998 | 757_17.R1011.f3 | histone(HMM:2.2e-48) |
| 3999 | LIB3150-052-Q1-N1-G11.f2 | histone(HMM:2.3e-12) |
| 4000 | 757_42.R1011.f3 | histone(HMM:2.3e-40) |
| 4001 | qmh700029402.f1.f1 | histone(HMM:2.4) |
| 4002 | LIB3069-011-Q1-K1-F6.f2 | histone(HMM:2.4e-05) |
| 4003 | LIB3076-005-Q1-K1-D5.f1 | histone(HMM:2.4e-07) |
| 4004 | LIB3079-036-Q1-K1-D4.f1 | histone(HMM:2.4e-10) |
| 4005 | g4776119.f5 | histone(HMM:2.4e-14) |
| 4006 | LIB3137-005-Q1-K1-G10.f1 | histone(HMM:2.4e-19) |
| 4007 | 865_4.R1011.f5 | histone(HMM:2.4e-50) |
| 4008 | 757_20.R1011.f2 | histone(HMM:2.5e-07) |
| 4009 | LIB3067-042-Q1-K1-B11.f2 | histone(HMM:2.5e-17) |
| 4010 | LIB3150-107-P1-N1-B4.f3 | histone(HMM:2.5e-18) |
| 4011 | LIB3137-016-Q1-K1-H12.f1 | histone(HMM:2.6) |
| 4012 | 2026_7.R1011.f6 | histone(HMM:2.6e-10) |
| 4013 | yyf700347416.h1.f1 | histone(HMM:2.6e-20) |
| 4014 | 1792_1.R1011.f1 | histone(HMM:2.6e-46) |

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| 4015 | 338_3.R1011.f2 | histone(HMM:2.6e-46) |
| 4016 | 338_7.R1011.f3 | histone(HMM:2.6e-46) |
| 4017 | 8267_1.R1011.f1 | histone(HMM:2.6e-46) |
| 4018 | LIB3153-005-Q1-K1-H1.f1 | histone(HMM:2.7e-10) |
| 4019 | LIB143-049-Q1-E1-H1.f2 | histone(HMM:2.7e-11) |
| 4020 | LIB3088-049-Q1-K1-A5.f3 | histone(HMM:2.7e-14) |
| 4021 | 338_1.R1011.f2 | histone(HMM:2.7e-45) |
| 4022 | 16775_2.R1011.f2 | histone(HMM:2.7e-49) |
| 4023 | LIB3078-052-Q1-K1-H1.f3 | histone(HMM:2.8e-09) |
| 4024 | LIB3150-013-Q1-N1-B10.f3 | histone(HMM:2.8e-09) |
| 4025 | LIB36-021-Q1-E1-G2.f2 | histone(HMM:2.8e-09) |
| 4026 | LIB3067-013-Q1-K1-B1.f3 | histone(HMM:2.8e-10) |
| 4027 | LIB3069-049-Q1-K1-E1.f3 | histone(HMM:2.8e-13) |
| 4028 | LIB3137-005-Q1-K1-A12.f4 | histone(HMM:2.8e-23) |
| 4029 | 757_2.R1011.f1 | histone(HMM:2.8e-46) |
| 4030 | LIB3279-059-P1-K1-H8.f3 | histone(HMM:2.9e-06) |
| 4031 | cat700017931.r1.f3 | histone(HMM:2e-06) |
| 4032 | LIB3067-001-Q1-K1-A4.f2 | histone(HMM:2e-11) |
| 4033 | pwr700449415.h1.f1 | histone(HMM:2e-11) |
| 4034 | uC-zmflb73006d03b1.f1 | histone(HMM:2e-20) |
| 4035 | wty700164347.h1.f3 | histone(HMM:3.1e-09) |
| 4036 | dyk700105350.h1.f2 | histone(HMM:3.2e-06) |
| 4037 | cat700020669.r1.f3 | histone(HMM:3.2e-07) |
| 4038 | 757_44.R1011.f3 | histone(HMM:3.2e-28) |
| 4039 | 865_2.R1011.f1 | histone(HMM:3.2e-51) |
| 4040 | 865_7.R1011.f2 | histone(HMM:3.2e-51) |
| 4041 | 865_8.R1011.f3 | histone(HMM:3.2e-51) |
| 4042 | uwc700150016.h1.f2 | histone(HMM:3.3e-06) |
| 4043 | ceu700426183.h1.f1 | histone(HMM:3.3e-10) |
| 4044 | g5058937.f5 | histone(HMM:3.4e-22) |
| 4045 | 6594_1.R1011.f2 | histone(HMM:3.4e-49) |
| 4046 | LIB3076-004-Q1-K1-D1.f2 | histone(HMM:3.4e-49),phd(HMM:0.11) |
| 4047 | 15342_1.R1011.f2 | histone(HMM:3.5e-15) |
| 4048 | g5713880.f5 | histone(HMM:3.5e-24) |
| 4049 | 757_5.R1011.f1 | histone(HMM:3.5e-46) |
| 4050 | 338_26.R1011.f1 | histone(HMM:3.6e-08) |
| 4051 | LIB3079-053-Q1-K1-D2.f3 | histone(HMM:3.6e-14) |
| 4052 | 95_10.R1011.f2 | histone(HMM:3.6e-15) |
| 4053 | 757_36.R1011.f3 | histone(HMM:3.6e-25) |
| 4054 | 60399_1.R1011.f1 | histone(HMM:3.7e-11) |
| 4055 | uC-zmflb73018h09b1.f1 | histone(HMM:3.7e-45) |
| 4056 | 757_14.R1011.f1 | histone(HMM:3.7e-47) |
| 4057 | tzu700206634.h1.f3 | histone(HMM:3.8e-07) |
| 4058 | pwr700453322.h1.f3 | histone(HMM:3.8e-11) |
| 4059 | ntr700073403.h1.f2 | histone(HMM:3.8e-14) |
| 4060 | 757_25.R1011.f1 | histone(HMM:3.8e-41) |
| 4061 | 666_5.R1011.f6 | histone(HMM:3.8e-44) |
| 4062 | LIB3088-009-Q1-K1-G8.f1 | histone(HMM:3.9e-12) |
| 4063 | LIB3279-013-P1-K1-H3.f2 | histone(HMM:3.9e-23) |
| 4064 | LIB3070-014-Q1-N1-C11.f1 | histone(HMM:3e-07) |
| 4065 | 95_8.R1011.f1 | histone(HMM:4.1e-18) |
| 4066 | LIB3150-075-P1-N1-F7.f1 | histone(HMM:4.2e-09) |
| 4067 | LIB3059-047-Q1-K1-H1.f2 | histone(HMM:4.2e-17) |

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| 4068 | uC-zmflb73193g04b1.f3 | histone(HMM:4.2e-29) |
| 4069 | 757_16.R1011.f2 | histone(HMM:4.3e-47) |
| 4070 | zla700380212.h1.f3 | histone(HMM:4.4) |
| 4071 | dyk700106733.h1.f1 | histone(HMM:4.4e-06) |
| 4072 | LIB3088-050-Q1-K1-C2.f2 | histone(HMM:4.4e-07) |
| 4073 | vux700160627.h1.f1 | histone(HMM:4.4e-11) |
| 4074 | 865_16.R1011.f6 | histone(HMM:4.4e-15) |
| 4075 | ntr700074528.h1.f3 | histone(HMM:4.5e-37) |
| 4076 | g5268696.f2 | histone(HMM:4.5e-40) |
| 4077 | 757_12.R1011.f1 | histone(HMM:4.5e-46) |
| 4078 | vux700158183.h1.f1 | histone(HMM:4.6e-05) |
| 4079 | uC-zmflB73025e02b2.f3 | histone(HMM:4.6e-11) |
| 4080 | LIB3153-005-Q1-K1-B5.f3 | histone(HMM:4.7e-05) |
| 4081 | yyf700349642.h1.f2 | histone(HMM:4.7e-07) |
| 4082 | qmh700028985.f1.f1 | histone(HMM:4.7e-11) |
| 4083 | 757_7.R1011.f1 | histone(HMM:4.7e-46) |
| 4084 | uC-zmflmo170114e10b1.f3 | histone(HMM:4.8e-44) |
| 4085 | 95_11.R1011.f3 | histone(HMM:4.9e-08) |
| 4086 | LIB3070-005-Q1-N1-B3.f3 | histone(HMM:4.9e-13) |
| 4087 | LIB3076-044-Q1-K1-G3.f3 | histone(HMM:4e-05) |
| 4088 | 338_16.R1011.f1 | histone(HMM:4e-06) |
| 4089 | xmt700261612.h1.f3 | histone(HMM:4e-06) |
| 4090 | LIB3088-003-Q1-K1-A3.f1 | histone(HMM:4e-18) |
| 4091 | uC-zmflmo17336b11b1.f1 | histone(HMM:4e-34) |
| 4092 | 865_9.R1011.f1 | histone(HMM:4e-42) |
| 4093 | 1672_1.R1011.f1 | histone(HMM:4e-45) |
| 4094 | wty700172957.h1.f2 | histone(HMM:5.1e-07) |
| 4095 | g3341197.f2 | histone(HMM:5.1e-08) |
| 4096 | 865_12.R1011.f3 | histone(HMM:5.1e-23) |
| 4097 | 354331_1.R1011.f3 | histone(HMM:5.2e-05) |
| 4098 | LIB148-002-Q1-E1-B12.f1 | histone(HMM:5.2e-08) |
| 4099 | LIB3076-021-Q1-K1-F8.f2 | histone(HMM:5.2e-37) |
| 4100 | xyt700346422.h1.f1 | histone(HMM:5.3e-13) |
| 4101 | 865_14.R1011.f6 | histone(HMM:5.3e-49) |
| 4102 | hvj700621760.h1.f1 | histone(HMM:5.6e-06) |
| 4103 | LIB3180-060-P2-M1-H6.f3 | histone(HMM:5.6e-06) |
| 4104 | LIB3279-051-P1-K1-C7.f2 | histone(HMM:5.6e-06) |
| 4105 | LIB3078-007-Q1-K1-F11.f1 | histone(HMM:5.6e-11) |
| 4106 | gw1700613664.h1.f2 | histone(HMM:5.6e-12) |
| 4107 | uC-zmflb73178a01b1.f2 | histone(HMM:5.6e-14) |
| 4108 | uC-zmroteosinte102h01b2.f3 | histone(HMM:5.6e-21) |
| 4109 | cyk700051888.f1.f1 | histone(HMM:5.7e-06) |
| 4110 | g3340926.f5 | histone(HMM:5.8e-05) |
| 4111 | tfd700572124.h1.f2 | histone(HMM:5.8e-11) |
| 4112 | kem700610759.h1.f3 | histone(HMM:5.9e-10) |
| 4113 | zla700379678.h1.f1 | histone(HMM:5.9e-11) |
| 4114 | LIB3150-112-P2-K1-C2.f4 | histone(HMM:5e-07) |
| 4115 | g3341037.f6 | histone(HMM:5e-20) |
| 4116 | g3341089.f5 | histone(HMM:6.1e-07) |
| 4117 | tfd700569151.h1.f2 | histone(HMM:6.1e-12) |
| 4118 | LIB143-063-Q1-E1-D12.f2 | histone(HMM:6.1e-16) |
| 4119 | xsy700214944.h1.f3 | histone(HMM:6.3e-06) |
| 4120 | zla700380613.h1.f3 | histone(HMM:6.3e-11) |
| 4121 | LIB3180-019-P2-M1-B1.f2 | histone(HMM:6.3e-17) |

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| 4122 | gwl700618137.h1.f3 | histone(HMM:6.5e-07) |
| 4123 | LIB3116-025-P1-K2-F8.f2 | histone(HMM:6.6) |
| 4124 | LIB3088-036-Q1-K1-H8.f2 | histone(HMM:6.6e-06) |
| 4125 | LIB3069-003-Q1-K1-G4.f1 | histone(HMM:6.6e-10) |
| 4126 | g3341079.f5 | histone(HMM:6.6e-35) |
| 4127 | g548036.f2 | histone(HMM:6.7e-14) |
| 4128 | 757_18.R1011.f2 | histone(HMM:6.7e-34) |
| 4129 | LIB3070-010-Q1-N1-G7.f1 | histone(HMM:6.8e-06) |
| 4130 | cat700016831.r2.f3 | histone(HMM:6.9e-15) |
| 4131 | uC-zmroteosinte030d12b1.f1 | histone(HMM:6.9e-16) |
| 4132 | LIB3059-049-Q1-K1-E4.f3 | histone(HMM:6.9e-29) |
| 4133 | LIB3076-029-Q1-K1-F10.f1 | histone(HMM:6.9e-30) |
| 4134 | g3341041.f4 | histone(HMM:6.9e-45) |
| 4135 | LIB3088-011-Q1-K1-D5.f3 | histone(HMM:7.1e-09) |
| 4136 | 95_21.R1011.f1 | histone(HMM:7.2) |
| 4137 | 757_19.R1011.f2 | histone(HMM:7.2e-42) |
| 4138 | 338_10.R1011.f1 | histone(HMM:7.3e-41) |
| 4139 | 338_22.R1011.f3 | histone(HMM:7.3e-44) |
| 4140 | 1672_5.R1011.f3 | histone(HMM:7.4e-12) |
| 4141 | LIB3069-035-Q1-K1-E2.f1 | histone(HMM:7.5) |
| 4142 | LIB143-046-Q1-E1-C10.f3 | histone(HMM:7.6e-13) |
| 4143 | 338_6.R1011.f2 | histone(HMM:7.6e-46) |
| 4144 | LIB3076-004-Q1-K1-A11.f1 | histone(HMM:7.9e-06) |
| 4145 | wyr700238913.h1.f1 | histone(HMM:7.9e-07) |
| 4146 | hvj700619294.h1.f1 | histone(HMM:7.9e-08) |
| 4147 | 338_23.R1011.f2 | histone(HMM:7.9e-44) |
| 4148 | 15544_1.R1011.f1 | histone(HMM:7e-20) |
| 4149 | g5650399.f5 | histone(HMM:8.1e-15) |
| 4150 | 1166_2.R1011.f2 | histone(HMM:8.1e-51) |
| 4151 | 1677_1.R1011.f1 | histone(HMM:8.1e-51) |
| 4152 | qmh700027322.f1.f1 | histone(HMM:8.3e-07) |
| 4153 | 757_1.R1011.f3 | histone(HMM:8.3e-47) |
| 4154 | uC-zmflB73112h02b2.f1 | histone(HMM:8.4e-08) |
| 4155 | uC-zmflmo17297e08b1.f3 | histone(HMM:8.4e-37) |
| 4156 | LIB3137-005-Q1-K1-G9.f2 | histone(HMM:8.6e-07) |
| 4157 | pmx700088408.h1.f2 | histone(HMM:8.6e-07) |
| 4158 | pmx700086025.h1.f2 | histone(HMM:8.7e-05) |
| 4159 | 1672_8.R1011.f1 | histone(HMM:8.7e-09) |
| 4160 | LIB3076-018-Q1-K1-E6.f2 | histone(HMM:8.7e-11) |
| 4161 | LIB3067-046-Q1-K1-H9.f1 | histone(HMM:8.7e-12) |
| 4162 | 865_5.R1011.f1 | histone(HMM:8.7e-52) |
| 4163 | LIB3062-027-Q1-K1-E12.f1 | histone(HMM:8.9e-05) |
| 4164 | LIB3069-008-Q1-K1-A11.f5 | histone(HMM:8.9e-09) |
| 4165 | 5857_1.R1011.f3 | histone(HMM:8e-07) |
| 4166 | uC-zmrob73075d01b1.f2 | histone(HMM:8e-14) |
| 4167 | LIB3116-025-P1-K1-F8.f1 | histone(HMM:9.3) |
| 4168 | LIB3069-048-Q1-K1-A1.f2 | histone(HMM:9.3e-33) |
| 4169 | LIB3279-004-P1-K1-H7.f3 | histone(HMM:9.7e-09) |
| 4170 | 6074_1.R1011.f1 | histone(HMM:9.7e-51) |
| 4171 | g4572905.f4 | histone(HMM:9.8) |
| 4172 | LIB3079-041-Q1-K1-C3.f1 | histone(HMM:9.8e-09) |
| 4173 | 338_14.R1011.f1 | histone(HMM:9.9e-47) |
| 4174 | 338_5.R1011.f1 | histone(HMM:9.9e-47) |
| 4175 | uC-zmflb73028d10b1.f3 | histone(HMM:9.9e-47) |

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| 4230 | 104151_1.R1011.f1 | hlh(HMM:9.9e-09) |
| 4231 | LIB143-063-Q1-E1-G12.f1 | hmg_box(HMM:0.0017) |
| 4232 | xjt700092660.h1.f1 | hmg_box(HMM:0.0018) |
| 4233 | xsy700213026.h1.f2 | hmg_box(HMM:0.0018) |
| 4234 | uC-zmflmol7218b08a1.f6 | hmg_box(HMM:0.0019) |
| 4235 | 1116_2.R1011.f3 | hmg_box(HMM:0.02) |
| 4236 | zuv700354730.h1.f1 | hmg_box(HMM:0.089) |
| 4237 | LIB3059-029-Q1-K1-B11.f3 | hmg_box(HMM:0.15) |
| 4238 | uwc700155406.h1.f2 | hmg_box(HMM:0.23) |
| 4239 | hvj700620934.h1.f2 | hmg_box(HMM:0.54) |
| 4240 | 52173_1.R1011.f1 | hmg_box(HMM:0.59) |
| 4241 | 16250_1.R1011.f3 | hmg_box(HMM:1.2e-24) |
| 4242 | 34113_1.R1011.f2 | hmg_box(HMM:1.4e-06) |
| 4243 | rvl700457875.h1.f1 | hmg_box(HMM:1.5e-15) |
| 4244 | 201269_2.R1011.f1 | hmg_box(HMM:1.5e-19) |
| 4245 | 762_3.R1011.f1 | hmg_box(HMM:1.6e-18) |
| 4246 | 2748_1.R1011.f1 | hmg_box(HMM:1.8e-18) |
| 4247 | 762_1.R1011.f2 | hmg_box(HMM:1.9e-29) |
| 4248 | LIB3150-071-P1-N1-H11.f3 | hmg_box(HMM:2.1e-07) |
| 4249 | 34113_2.R1011.f1 | hmg_box(HMM:2.1e-20) |
| 4250 | LIB3151-003-Q1-K1-E11.f2 | hmg_box(HMM:2.6e-06) |
| 4251 | 33323_1.R1011.f3 | hmg_box(HMM:2.6e-20) |
| 4252 | 8194_1.R1011.f1 | hmg_box(HMM:3.2e-26) |
| 4253 | uC-zmflb73040a04b1.f3 | hmg_box(HMM:3e-27) |
| 4254 | uC-zmroteosinte068b05b1.f2 | hmg_box(HMM:4.3e-12) |
| 4255 | yyf700348989.h1.f1 | hmg_box(HMM:4.4e-28) |
| 4256 | 763_1.R1011.f3 | hmg_box(HMM:5.1e-30) |
| 4257 | xyt700346708.h1.f3 | hmg_box(HMM:5.1e-30) |
| 4258 | 760_4.R1011.f1 | hmg_box(HMM:5.6e-29) |
| 4259 | LIB3076-007-Q1-K1-H11.f1 | hmg_box(HMM:6.1e-21) |
| 4260 | 763_5.R1011.f2 | hmg_box(HMM:6.5e-27) |
| 4261 | LIB3067-045-Q1-K1-C4.f2 | hmg_box(HMM:6.9e-24) |
| 4262 | 762_4.R1011.f2 | hmg_box(HMM:7.8e-27) |
| 4263 | 1116_1.R1011.f3 | hmg_box(HMM:8.1e-13) |
| 4264 | 760_1.R1011.f3 | hmg_box(HMM:8.5e-29) |
| 4265 | 201269_1.R1011.f2 | hmg_box(HMM:8.6e-10) |
| 4266 | 388_11.R1011.f4 | homeobox(HMM:0.00014) |
| 4267 | 780_1.R1011.f3 | homeobox(HMM:0.00043),homeobox_knox3(1.5e-34) |
| 4268 | 33684_1.R1011.f2 | homeobox(HMM:0.00058),homeobox_knox3(5.6e-10) |
| 4269 | 135329_1.R1011.f2 | homeobox(HMM:0.001),homeobox_knox3(4.6e-34) |
| 4270 | 206382_1.R1011.f2 | homeobox(HMM:0.0019),homeobox_knox3(1.4e-11),homeobox_mat(0.0002) |
| 4271 | uC-zmflb73084b12b2.f3 | homeobox(HMM:0.0031),homeobox_knox3(5.6e-13) |
| 4272 | 175_1.R1011.f2 | homeobox(HMM:0.0032) |
| 4273 | LIB3066-028-Q1-K1-E9.f2 | homeobox(HMM:0.0033) |
| 4274 | uC-zmflmol7306a12b1.f3 | homeobox(HMM:0.0033) |
| 4275 | 17_1.R1011.f2 | homeobox(HMM:0.0056),phd(HMM:1.2e-11) |
| 4276 | LIB3137-018-Q1-K1-B10.f2 | homeobox(HMM:0.0071) |

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| 4277 | 154608_1.R1011.f2 | homeobox(HMM:0.0081),homeobox_knox3(5.6e-12) |
| 4278 | LIB3067-032-Q1-K1-F8.f1 | homeobox(HMM:0.0085),homeobox_knox3(2.0e-12) |
| 4279 | 55031_1.R1011.f3 | homeobox(HMM:0.01) |
| 4280 | ymt700219170.h1.f3 | homeobox(HMM:0.014),homeobox_knox3(9.3e-13),homeobox_mat(8.1e-05) |
| 4281 | 8191_1.R1011.f2 | homeobox(HMM:0.016),homeobox_knox3(2.6e-22) |
| 4282 | uC-zmflmo17364h11a1.f6 | homeobox(HMM:0.017),homeobox_knox3(4.3e-13) |
| 4283 | 62412_1.R1011.f3 | homeobox(HMM:0.017),homeobox_knox3(5.9e-12) |
| 4284 | 93311_1.R1011.f1 | homeobox(HMM:0.022),homeobox_knox3(3.2e-22) |
| 4285 | wyr700241308.h1.f2 | homeobox(HMM:0.031),homeobox_knox3(9.2e-08) |
| 4286 | 69814_2.R1011.f2 | homeobox(HMM:0.062) |
| 4287 | 7310_1.R1011.f3 | homeobox(HMM:0.094),homeobox_knox3(3.5e-09) |
| 4288 | 25970_1.R1011.f6 | homeobox(HMM:0.1),homeobox_knox3(2.7e-20) |
| 4289 | LIB3066-043-Q1-K1-D10.f3 | homeobox(HMM:0.26) |
| 4290 | uC-zmflb73252d04b3.f1 | homeobox(HMM:0.29) |
| 4291 | uC-zmflMo17002e04b1.f1 | homeobox(HMM:0.29) |
| 4292 | LIB3062-052-Q1-K1-B9.f2 | homeobox(HMM:1) |
| 4293 | 388_3.R1011.f6 | homeobox(HMM:1.4e-19) |
| 4294 | 388_2.R1011.f6 | homeobox(HMM:1.4e-20) |
| 4295 | fC-zmfl700549125f3.f1 | homeobox(HMM:1.5) |
| 4296 | 128072_1.R1011.f2 | homeobox(HMM:1.7e-18) |
| 4297 | 388_4.R1011.f4 | homeobox(HMM:1.8e-17) |
| 4298 | LIB3136-018-Q1-K1-F8.f2 | homeobox(HMM:1.9) |
| 4299 | 766_2.R1011.f1 | homeobox(HMM:1.9e-12),phd(HMM:2.7e-15) |
| 4300 | uC-zmflB73007b08b1.f1 | homeobox(HMM:1.9e-18) |
| 4301 | 388_1.R1011.f5 | homeobox(HMM:1.9e-19) |
| 4302 | 1067_1.R1011.f2 | homeobox(HMM:2.4e-05),homeobox_knox3(2.8e-30) |
| 4303 | 110797_2.R1011.f2 | homeobox(HMM:2.8e-06) |
| 4304 | 388_5.R1011.f5 | homeobox(HMM:2e-14) |
| 4305 | 69814_1.R1011.f2 | homeobox(HMM:3.2e-18) |
| 4306 | 11330_1.R1011.f1 | homeobox(HMM:3.3e-06) |
| 4307 | 154166_1.R1011.f2 | homeobox(HMM:3.3e-16) |
| 4308 | 187_1.R1011.f2 | homeobox(HMM:3.4e-22),homeobox_knox3(0.0008) |
| 4309 | 185_1.R1011.f3 | homeobox(HMM:3.9e-19) |
| 4310 | 764_1.R1011.f3 | homeobox(HMM:3e-06),phd(HMM:4.2e-16) |
| 4311 | uC-zmflmo17020c02b1.f1 | homeobox(HMM:4.1e-16) |
| 4312 | 766_1.R1011.f1 | homeobox(HMM:5.9e-17),phd(HMM:6.6e-16) |
| 4313 | 388_6.R1011.f6 | homeobox(HMM:6.4e-18) |
| 4314 | hbs701186070.h1.f1 | homeobox(HMM:6.7e-06) |

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| 4315 | hbs701183093.h1.f6 | homeobox(HMM:7) |
| 4316 | 764_2.R1011.f1 | homeobox(HMM:8.3e-08),phd(HMM:8.6e-16),homeobox_knox3(0.0007) |
| 4317 | 598_1.R1011.f1 | homeobox(HMM:8.5e-05),homeobox_knox3(8.5e-37) |
| 4318 | 8190_1.R1011.f3 | homeobox(HMM:9.4e-20) |
| 4319 | LIB3137-024-Q1-K1-F4.f1 | hsf_dna-bind(HMM:0.00019) |
| 4320 | 7092_1.R1011.f2 | hsf_dna-bind(HMM:0.0009) |
| 4321 | fdz701166808.h1.f2 | hsf_dna-bind(HMM:0.0036) |
| 4322 | fdz701163214.h1.f1 | hsf_dna-bind(HMM:0.0044) |
| 4323 | 1729_1.R1011.f1 | hsf_dna-bind(HMM:0.038) |
| 4324 | xjt700092059.h1.f2 | hsf_dna-bind(HMM:0.049) |
| 4325 | 46875_1.R1011.f1 | hsf_dna-bind(HMM:0.056) |
| 4326 | 7801_1.R1011.f3 | hsf_dna-bind(HMM:1.6e-06) |
| 4327 | nwy700446322.h1.f3 | hsf_dna-bind(HMM:1.6e-07) |
| 4328 | dyk700102210.h1.f2 | hsf_dna-bind(HMM:1.6e-26) |
| 4329 | LIB84-028-Q1-E1-F5.f3 | hsf_dna-bind(HMM:1.8e-06) |
| 4330 | 154751_1.R1011.f1 | hsf_dna-bind(HMM:1.8e-23) |
| 4331 | LIB189-016-Q1-E1-H8.f3 | hsf_dna-bind(HMM:1.9e-20) |
| 4332 | 153848_1.R1011.f3 | hsf_dna-bind(HMM:2.2e-08) |
| 4333 | qmh700030486.f1.f1 | hsf_dna-bind(HMM:2.3e-10) |
| 4334 | 768_1.R1011.f3 | hsf_dna-bind(HMM:3e-35) |
| 4335 | 48395_1.R1011.f1 | hsf_dna-bind(HMM:4.3e-55) |
| 4336 | fC-zmse700836407f1.f1 | hsf_dna-bind(HMM:5.2e-09) |
| 4337 | dyk700106455.h1.f3 | hsf_dna-bind(HMM:5.5e-09) |
| 4338 | uC-zmflb73296f01b2.f2 | hsf_dna-bind(HMM:7.5e-41) |
| 4339 | LIB3075-044-Q1-K1-D2.f2 | hsf_dna-bind(HMM:8.1e-09) |
| 4340 | rvt700455831.h1.f2 | hsf_dna-bind(HMM:8.6e-05) |
| 4341 | gct701180355.h1.f3 | iaa(HMM:0.00029) |
| 4342 | 366795_1.R1011.f4 | iaa(HMM:0.00031) |
| 4343 | 44453_2.R1011.f2 | iaa(HMM:0.00032) |
| 4344 | 42794_1.R1011.f3 | iaa(HMM:0.00071) |
| 4345 | uC-zmflmo17165a04b1.f2 | iaa(HMM:0.00097) |
| 4346 | clt700042216.f1.f1 | iaa(HMM:0.0013) |
| 4347 | 287224_1.R1011.f2 | iaa(HMM:0.0019) |
| 4348 | zuv700352703.h1.f1 | iaa(HMM:0.0019) |
| 4349 | 60067_2.R1011.f3 | iaa(HMM:0.002) |
| 4350 | LIB3279-055-P1-K1-A1.f2 | iaa(HMM:0.0021) |
| 4351 | LIB3067-052-Q1-K1-G7.f1 | iaa(HMM:0.0022) |
| 4352 | uC-zmflb73301e09a1.f4 | iaa(HMM:0.0023) |
| 4353 | uC-zmroteosinte076h10b2.f1 | iaa(HMM:0.0025) |
| 4354 | 90938_2.R1011.f2 | iaa(HMM:0.0042) |
| 4355 | uC-zmroteosinte058a11b2.f1 | iaa(HMM:0.0046) |
| 4356 | 27519_1.R1011.f4 | iaa(HMM:0.0048) |
| 4357 | pwr700450469.h1.f3 | iaa(HMM:0.0048) |
| 4358 | uC-zmromo17026d01a1.f5 | iaa(HMM:0.0073) |
| 4359 | qmh700029447.f1.f2 | iaa(HMM:0.0079) |
| 4360 | 89902_1.R1011.f3 | iaa(HMM:0.0086) |
| 4361 | dyk700102340.h1.f3 | iaa(HMM:0.014) |
| 4362 | 273602_2.R1011.f4 | iaa(HMM:0.041) |
| 4363 | LIB3062-009-Q1-K1-H9.f3 | iaa(HMM:0.048) |
| 4364 | LIB3156-001-Q1-K1-D9.f3 | iaa(HMM:0.06) |
| 4365 | nwy700445770.h1.f2 | iaa(HMM:0.067) |

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| 4420 | 268028_1.R1011.f2 | ibr(HMM:0.015) |
| 4421 | 180806_1.R1011.f4 | ibr(HMM:0.17) |
| 4422 | 1610_1.R1011.f1 | ibr(HMM:1.2e-11) |
| 4423 | 121748_1.R1011.f3 | ibr(HMM:1e-06) |
| 4424 | 8414_1.R1011.f3 | ibr(HMM:2.8e-16) |
| 4425 | 47794_1.R1011.f3 | ibr(HMM:3.6e-06) |
| 4426 | 19283_1.R1011.f3 | ibr(HMM:6.3e-08) |
| 4427 | kem700612163.h1.f2 | ibr(HMM:6.3e-20) |
| 4428 | uC-zmflB73007c10b1.f3 | k-box(HMM:0.00013),srf- tf(HMM:2.8e-32) |
| 4429 | uC-zmflmo17321d12b1.f3 | k-box(HMM:0.00052) |
| 4430 | uC-zmroteosinte117g06b1.fl | k-box(HMM:0.0014) |
| 4431 | uC-zmflb73020c05b1.f2 | k-box(HMM:0.0017) |
| 4432 | LIB3069-044-Q1-K1-B9.f3 | k-box(HMM:0.0057),srf- tf(HMM:1.4e-36) |
| 4433 | LIB3116-025-P1-K1-B6.f2 | k-box(HMM:0.007) |
| 4434 | uC-zmflb73148g01b1.fl | k-box(HMM:0.0078) |
| 4435 | g4730436.fl | k-box(HMM:0.0081),srf- tf(HMM:4.7e-35) |
| 4436 | 418_1.R1011.f2 | k-box(HMM:0.0092),srf- tf(HMM:1.1e-25) |
| 4437 | LIB3068-025-Q1-K1-D7.fl | k-box(HMM:0.83) |
| 4438 | LIB3067-047-Q1-K1-C2.fl | k-box(HMM:1.1e-06) |
| 4439 | 166_1.R1011.f2 | k-box(HMM:1.2e-08),srf- tf(HMM:1.9e-29) |
| 4440 | CPR6867_700163369_FL.f3 | k-box(HMM:1.3e-10) |
| 4441 | uC-zmflmo17078c09b1.f2 | k-box(HMM:1.3e-23) |
| 4442 | 166_5.R1011.f3 | k-box(HMM:1.4e-06) |
| 4443 | uC-zmrob73050c02b1.f6 | k-box(HMM:1.6e-05) |
| 4444 | 122_2.R1011.f2 | k-box(HMM:1.6e-22) |
| 4445 | uC-zmflb73140b06b1.f2 | k-box(HMM:1.7e-13) |
| 4446 | 113_1.R1011.f3 | k-box(HMM:1.7e-42),srf- tf(HMM:7.3e-38) |
| 4447 | 109_2.R1011.f2 | k-box(HMM:1.9e-14) |
| 4448 | uC-zmflmo17057c07b1.f3 | k-box(HMM:1e-06) |
| 4449 | 610_2.R1011.f3 | k-box(HMM:1e-34),srf- tf(HMM:1e-34) |
| 4450 | 109_1.R1011.f2 | k-box(HMM:2.1e-14),srf- tf(HMM:4e-32) |
| 4451 | uC-zmflmo17280a06b1.f2 | k-box(HMM:2.3e-07) |
| 4452 | 949_2.R1011.fl | k-box(HMM:2.4e-38),srf- tf(HMM:1.7e-20) |
| 4453 | 112_2.R1011.fl | k-box(HMM:2.5e-11) |
| 4454 | 120_3.R1011.fl | k-box(HMM:2.7e-31) |
| 4455 | 120_2.R1011.f2 | k-box(HMM:2.8e-27) |
| 4456 | 113_3.R1011.f3 | k-box(HMM:2.8e-38),srf- tf(HMM:2.8e-37) |
| 4457 | LIB3059-037-Q1-K1-A3.f3 | k-box(HMM:3.2e-30) |
| 4458 | 611_2.R1011.fl | k-box(HMM:3.2e-36),srf- tf(HMM:3e-36) |
| 4459 | g5268420.f3 | k-box(HMM:3.4e-43),srf- tf(HMM:1.3e-11) |
| 4460 | 544_1.R1011.f2 | k-box(HMM:3.4e-43),srf- tf(HMM:4.3e-38) |

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| 4461 | 38372_1.R1011.fl | k-box(HMM:3.5e-05),srf- tf(HMM:1.6e-29) |
| 4462 | 611_1.R1011.fl | k-box(HMM:3.5e-38),srf- tf(HMM:1.4e-36) |
| 4463 | 112_1.R1011.f3 | k-box(HMM:3.6e-19),srf- tf(HMM:1.9e-09) |
| 4464 | 610_1.R1011.f2 | k-box(HMM:3.7e-35),srf- tf(HMM:1.4e-35) |
| 4465 | 124_1.R1011.fl | k-box(HMM:3.8e-10) |
| 4466 | 113_5.R1011.f3 | k-box(HMM:3.9e-40),srf- tf(HMM:1.5e-37) |
| 4467 | 113_6.R1011.f3 | k-box(HMM:3.9e-40),srf- tf(HMM:1.5e-37) |
| 4468 | 166_4.R1011.f2 | k-box(HMM:4.1e-05) |
| 4469 | 107_1.R1011.f3 | k-box(HMM:4.4e-12),srf- tf(HMM:1.4e-29) |
| 4470 | 125_1.R1011.f3 | k-box(HMM:4.7e-33),srf- tf(HMM:4.4e-36) |
| 4471 | 116_1.R1011.fl | k-box(HMM:5.4e-26),srf- tf(HMM:1e-37) |
| 4472 | 113_4.R1011.f2 | k-box(HMM:5.5e-39),srf- tf(HMM:1.6e-37) |
| 4473 | 123_1.R1011.f3 | k-box(HMM:5.7e-25),srf- tf(HMM:1.9e-35) |
| 4474 | 119_1.R1011.f3 | k-box(HMM:5.8e-08) |
| 4475 | 4634_1.R1011.f2 | k-box(HMM:5.9e-18) |
| 4476 | LIB3116-025-P1-K2-B6.fl | k-box(HMM:6.4e-07) |
| 4477 | LIB3067-059-Q1-K1-C6.fl | k-box(HMM:6.6e-07),srf- tf(HMM:1.3e-16) |
| 4478 | 122_1.R1011.fl | k-box(HMM:6.7e-42),srf- tf(HMM:3e-37) |
| 4479 | LIB3088-010-Q1-K1-D9.f3 | k-box(HMM:7.1e-06) |
| 4480 | g939780.fl | k-box(HMM:7.2e-43),srf- tf(HMM:4.9e-37) |
| 4481 | uC-zmflb73119c08a1.f3 | k-box(HMM:7.5e-06) |
| 4482 | 120_1.R1011.fl | k-box(HMM:9.3e-06) |
| 4483 | 949_1.R1011.fl | k-box(HMM:9.3e-37),srf- tf(HMM:3.7e-19) |
| 4484 | hbs701183413.h1.fl | krab(HMM:3.6e-05) |
| 4485 | LIB148-007-Q1-E1-H9.f2 | lim(HMM:0.0007) |
| 4486 | LIB3066-032-Q1-K1-B12.fl | lim(HMM:0.001) |
| 4487 | 211710_1.R1011.f3 | lim(HMM:0.0021) |
| 4488 | LIB3075-048-Q1-K1-D11.f3 | lim(HMM:0.055) |
| 4489 | uC-zmroteosinte017b09b1.f3 | lim(HMM:0.097) |
| 4490 | gct701174937.h1.f2 | lim(HMM:0.16) |
| 4491 | 101_4.R1011.fl | lim(HMM:0.35) |
| 4492 | pmx700086732.h1.fl | lim(HMM:0.42) |
| 4493 | 1647_2.R1011.fl | lim(HMM:1.2e-31) |
| 4494 | 106476_1.R1011.fl | lim(HMM:1.3e-11) |
| 4495 | g3341091.f6 | lim(HMM:1.7e-11) |
| 4496 | 1647_4.R1011.f3 | lim(HMM:1.9e-14) |
| 4497 | fC-zmle700870883a1.f2 | lim(HMM:1.9e-14) |
| 4498 | uC-zmflmo17303c04b1.f2 | lim(HMM:1e-21) |
| 4499 | 1647_3.R1011.fl | lim(HMM:2.2e-14) |

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| 4500 | 1647_1.R1011.f1 | lim(HMM:2.2e-32) |
| 4501 | wyr700235386.h1.f2 | lim(HMM:3.1e-06) |
| 4502 | xsy700208410.h1.f1 | lim(HMM:3.9e-12) |
| 4503 | uC-zmflmo17169d03a1.f3 | lim(HMM:3.9e-22) |
| 4504 | fdz701158756.h1.f1 | lim(HMM:4.4e-09) |
| 4505 | pwr700450670.h1.f1 | lim(HMM:4.7e-10) |
| 4506 | 94503_1.R1011.f3 | lim(HMM:4.9e-14) |
| 4507 | 101_2.R1011.f3 | lim(HMM:4e-14) |
| 4508 | hbs701182729.h1.f4 | lim(HMM:5.2e-06) |
| 4509 | 101_1.R1011.f3 | lim(HMM:8.3e-33) |
| 4510 | 83525_1.R1011.f2 | lim(HMM:8e-32) |
| 4511 | 756_8.R1011.f1 | linker_histone(HMM:0.00018) |
| 4512 | LIB3137-001-Q1-K1-A5.f1 | linker_histone(HMM:0.00022) |
| 4513 | uC-zmflb73178a11b1.f1 | linker_histone(HMM:0.00047) |
| 4514 | 756_3.R1011.f3 | linker_histone(HMM:0.00052) |
| 4515 | LIB3150-101-P1-N1-A3.f1 | linker_histone(HMM:0.0076) |
| 4516 | LIB3076-019-Q1-K1-B5.f3 | linker_histone(HMM:0.0096) |
| 4517 | uC-zmflmo17069f02b1.f1 | linker_histone(HMM:0.36) |
| 4518 | g4585618.f1 | linker_histone(HMM:1.1e-22) |
| 4519 | 666_2.R1011.f5 | linker_histone(HMM:1.5e-30) |
| 4520 | uC-zmflmo17308b11b1.f1 | linker_histone(HMM:1.6e-05) |
| 4521 | LIB3069-035-Q1-K1-A11.f2 | linker_histone(HMM:1.9e-10) |
| 4522 | g5268367.f1 | linker_histone(HMM:1.9e-23) |
| 4523 | 14297_1.R1011.f1 | linker_histone(HMM:1.9e-34) |
| 4524 | 4905_2.R1011.f1 | linker_histone(HMM:1e-24) |
| 4525 | 180_1.R1011.f2 | linker_histone(HMM:2.7e-07),myb_dna-binding(HMM:6.5e-05) |
| 4526 | rvt700550793.h1.f3 | linker_histone(HMM:2.9) |
| 4527 | 756_4.R1011.f2 | linker_histone(HMM:3.4e-33) |
| 4528 | 19893_2.R1011.f1 | linker_histone(HMM:4.3e-05) |
| 4529 | LIB3076-020-Q1-K1-B1.f3 | linker_histone(HMM:4e-07) |
| 4530 | 19893_1.R1011.f1 | linker_histone(HMM:5.5e-22) |
| 4531 | 4905_1.R1011.f1 | linker_histone(HMM:5e-33) |
| 4532 | 14369_1.R1011.f3 | linker_histone(HMM:8.1e-10),myb_dna-binding(HMM:2.1e-05) |
| 4533 | LIB3067-044-Q1-K1-F9.f2 | linker_histone(HMM:8.4) |
| 4534 | uC-zmflmo17153e05b1.f1 | linker_histone(HMM:8.6) |
| 4535 | 756_1.R1011.f1 | linker_histone(HMM:9.6e-35) |
| 4536 | 108800_1.R1011.f2 | linker_histone(HMM:9.7e-13) |
| 4537 | tzu700203222.h1.f3 | myb_dna-binding(HMM:0.00013) |
| 4538 | 1086_2.R1011.f3 | myb_dna-binding(HMM:0.0002) |
| 4539 | 92085_1.R1011.f1 | myb_dna-binding(HMM:0.00023) |
| 4540 | 119067_1.R1011.f2 | myb_dna-binding(HMM:0.00025) |
| 4541 | 235108_1.R1011.f3 | myb_dna-binding(HMM:0.00026) |
| 4542 | 6030_1.R1011.f1 | myb_dna-binding(HMM:0.00049) |
| 4543 | uwc700151452.h1.f2 | myb_dna-binding(HMM:0.00086) |

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| 4544 | 47690_1.R1011.f3 | myb_dna-binding(HMM:0.00096) |
| 4545 | g3157223.f1 | myb_dna-binding(HMM:0.001) |
| 4546 | 129899_1.R1011.f1 | myb_dna-binding(HMM:0.0012) |
| 4547 | 9893_3.R1011.f1 | myb_dna-binding(HMM:0.0019) |
| 4548 | uC-zmflb73085c02b2.f1 | myb_dna-binding(HMM:0.0021) |
| 4549 | 242350_1.R1011.f2 | myb_dna-binding(HMM:0.0024) |
| 4550 | 965_13.R1011.f1 | myb_dna-binding(HMM:0.0025) |
| 4551 | uC-zmrob73057g12a1.f1 | myb_dna-binding(HMM:0.0026) |
| 4552 | 141721_1.R1011.f1 | myb_dna-binding(HMM:0.0027) |
| 4553 | 111722_1.R1011.f3 | myb_dna-binding(HMM:0.003) |
| 4554 | wty700167056.h1.f1 | myb_dna-binding(HMM:0.0063) |
| 4555 | 13671_1.R1011.f1 | myb_dna-binding(HMM:0.013) |
| 4556 | ymt700219745.h1.f2 | myb_dna-binding(HMM:0.015) |
| 4557 | 100888_1.R1011.f1 | myb_dna-binding(HMM:0.034) |
| 4558 | LIB3150-093-P1-N1-A8.f2 | myb_dna-binding(HMM:0.059) |
| 4559 | 56162_2.R1011.f1 | myb_dna-binding(HMM:0.067) |
| 4560 | rvt700550259.h1.f2 | myb_dna-binding(HMM:0.087) |
| 4561 | 3037_1.R1011.f3 | myb_dna-binding(HMM:0.1) |
| 4562 | wty700170367.h1.f1 | myb_dna-binding(HMM:0.11) |
| 4563 | 62090_2.R1011.f3 | myb_dna-binding(HMM:0.13) |
| 4564 | 9893_2.R1011.f3 | myb_dna-binding(HMM:0.14) |
| 4565 | ypc700805836.h1.f6 | myb_dna-binding(HMM:0.18) |
| 4566 | 1124_5.R1011.f5 | myb_dna-binding(HMM:0.27) |
| 4567 | fxb700397574.h1.f2 | myb_dna-binding(HMM:0.43) |
| 4568 | uC-zmflmo17344c12b1.f3 | myb_dna-binding(HMM:0.44) |
| 4569 | 1124_3.R1011.f6 | myb_dna-binding(HMM:1.1e-10) |
| 4570 | LIB3079-030-Q1-K1-F3.f2 | myb_dna-binding(HMM:1.1e-10) |
| 4571 | tzu700203377.h1.f1 | myb_dna-binding(HMM:1.2e-21) |
| 4572 | 18719_1.R1011.f3 | myb_dna-binding(HMM:1.3e-10) |
| 4573 | 18719_2.R1011.f2 | myb_dna-binding(HMM:1.3e-10) |
| 4574 | ceu700422519.h1.f2 | myb_dna-binding(HMM:1.4e-16) |
| 4575 | uer700577328.h1.f2 | myb_dna-binding(HMM:1.4e-17) |
| 4576 | 86820_1.R1011.f1 | myb_dna-binding(HMM:1.4e-21) |
| 4577 | g1491932.f2 | myb_dna-binding(HMM:1.4e-45) |
| 4578 | g168589.f2 | myb_dna-binding(HMM:1.4e-45) |
| 4579 | 196036_1.R1011.f1 | myb_dna-binding(HMM:1.5e-08) |
| 4580 | 49266_1.R1011.f3 | myb_dna-binding(HMM:1.5e-16) |
| 4581 | 134451_1.R1011.f1 | myb_dna-binding(HMM:1.6e-10) |
| 4582 | LIB3151-057-Q1-K1-E8.f3 | myb_dna-binding(HMM:1.6e-20) |
| 4583 | g168591.f2 | myb_dna-binding(HMM:1.7e-22) |
| 4584 | 965_23.R1011.f1 | myb_dna-binding(HMM:1.7e-42) |
| 4585 | 14894_1.R1011.f2 | myb_dna-binding(HMM:1.8e-40) |
| 4586 | 81644_2.R1011.f2 | myb_dna-binding(HMM:1.9e-05) |
| 4587 | 35267_2.R1011.f1 | myb_dna-binding(HMM:1.9e-06) |
| 4588 | gct701176532.h1.f1 | myb_dna-binding(HMM:1.9e-11) |
| 4589 | uC-zmroB73017f11b1.f1 | myb_dna-binding(HMM:1.9e-11) |
| 4590 | 71261_1.R1011.f1 | myb_dna-binding(HMM:1.9e-37) |
| 4591 | uC-zmflb73162h04b2.f3 | myb_dna-binding(HMM:1e-07) |
| 4592 | 116851_1.R1011.f3 | myb_dna-binding(HMM:2.1e-10) |
| 4593 | uC-zmrob73076b09b1.f2 | myb_dna-binding(HMM:2.1e-12) |
| 4594 | 43747_1.R1011.f1 | myb_dna-binding(HMM:2.1e-35) |
| 4595 | 11369_2.R1011.f1 | myb_dna-binding(HMM:2.2e-07) |
| 4596 | LIB3180-030-P2-M2-G3.f3 | myb_dna-binding(HMM:2.2e-07) |

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| 4597 | 8195_2.R1011.f2 | myb_dna-binding(HMM:2.3e-09) |
| 4598 | uC-zmflmo17394f11a1.f1 | myb_dna-binding(HMM:2.4e-27) |
| 4599 | 35267_1.R1011.f1 | myb_dna-binding(HMM:2.4e-39) |
| 4600 | 37039_3.R1011.f2 | myb_dna-binding(HMM:2.4e-44) |
| 4601 | 1086_1.R1011.f1 | myb_dna-binding(HMM:2.5e-24) |
| 4602 | uC-zmflb73143e02b1.f2 | myb_dna-binding(HMM:2.5e-42) |
| 4603 | 211273_1.R1011.f3 | myb_dna-binding(HMM:2.6e-06) |
| 4604 | 360_1.R1011.f5 | myb_dna-binding(HMM:2.6e-11) |
| 4605 | ypc700802849.h1.f1 | myb_dna-binding(HMM:2.6e-20) |
| 4606 | wyr700237918.h1.f3 | myb_dna-binding(HMM:2.7e-06) |
| 4607 | wyr700243864.h1.f2 | myb_dna-binding(HMM:2.8e-05) |
| 4608 | LIB3078-013-Q1-K1-H9.f2 | myb_dna-binding(HMM:2.8e-11) |
| 4609 | 14894_3.R1011.f3 | myb_dna-binding(HMM:2.9e-41) |
| 4610 | 1334_1.R1011.f3 | myb_dna-binding(HMM:3.4) |
| 4611 | qmh700027865.f1.f2 | myb_dna-binding(HMM:3.7e-05) |
| 4612 | tzu700204208.h1.f1 | myb_dna-binding(HMM:3.7e-14) |
| 4613 | 92525_1.R1011.f3 | myb_dna-binding(HMM:3e-45) |
| 4614 | wty700171752.h1.f2 | myb_dna-binding(HMM:4.1e-07) |
| 4615 | 14894_2.R1011.f2 | myb_dna-binding(HMM:4.1e-39) |
| 4616 | 9893_4.R1011.f3 | myb_dna-binding(HMM:4.4) |
| 4617 | 46504_1.R1011.f2 | myb_dna-binding(HMM:4.5e-08),zz(HMM:1.2e-11) |
| 4618 | uC-zmrob73011a04b1.f2 | myb_dna-binding(HMM:4.5e-15) |
| 4619 | 120679_1.R1011.f1 | myb_dna-binding(HMM:4.7e-37) |
| 4620 | uC-zmflmo17176a01b1.f2 | myb_dna-binding(HMM:4.8e-19) |
| 4621 | uC-zmflb73017a03b1.f3 | myb_dna-binding(HMM:4.8e-21) |
| 4622 | 8195_3.R1011.f1 | myb_dna-binding(HMM:4.9e-10) |
| 4623 | 136974_1.R1011.f2 | myb_dna-binding(HMM:4e-09) |
| 4624 | g5268844.f2 | myb_dna-binding(HMM:4e-41) |
| 4625 | 224582_1.R1011.f3 | myb_dna-binding(HMM:5.4e-23) |
| 4626 | 278384_1.R1011.f3 | myb_dna-binding(HMM:5.6e-19) |
| 4627 | 44418_2.R1011.f2 | myb_dna-binding(HMM:5.8e-06) |
| 4628 | vux700159730.h1.f2 | myb_dna-binding(HMM:5.9e-10) |
| 4629 | 133302_1.R1011.f3 | myb_dna-binding(HMM:5.9e-41) |
| 4630 | uC-zmflmo17173b11b1.f3 | myb_dna-binding(HMM:5e-11) |
| 4631 | 65645_1.R1011.f2 | myb_dna-binding(HMM:6.4e-40) |
| 4632 | 180_3.R1011.f3 | myb_dna-binding(HMM:6.5e-05) |
| 4633 | 3753_1.R1011.f2 | myb_dna-binding(HMM:6.6e-05) |
| 4634 | 3005_5.R1011.f3 | myb_dna-binding(HMM:6.6e-16) |
| 4635 | pwr700450354.h1.f3 | myb_dna-binding(HMM:6.6e-20) |
| 4636 | uC-zmflmo17052e02b1.f2 | myb_dna-binding(HMM:6e-25) |
| 4637 | LIB84-023-Q1-E1-D6.f2 | myb_dna-binding(HMM:7.4e-12) |
| 4638 | 224186_1.R1011.f1 | myb_dna-binding(HMM:7.5e-09) |
| 4639 | uC-zmflb73025b03b2.f3 | myb_dna-binding(HMM:7.5e-35) |
| 4640 | 111964_1.R1011.f2 | myb_dna-binding(HMM:7.6e-39) |
| 4641 | 354078_1.R1011.f2 | myb_dna-binding(HMM:7.8e-09) |
| 4642 | uC-zmflb73234b10b2.f3 | myb_dna-binding(HMM:8.1e-13) |
| 4643 | LIB189-026-Q1-E1-F3.f1 | myb_dna-binding(HMM:8.2e-22) |
| 4644 | 81644_1.R1011.f1 | myb_dna-binding(HMM:8.6e-20) |
| 4645 | 63048_1.R1011.f2 | myb_dna-binding(HMM:8.7e-11) |
| 4646 | qmh700026342.f1.f2 | myb_dna-binding(HMM:8.9e-21) |
| 4647 | 9893_1.R1011.f3 | myb_dna-binding(HMM:9.1e-15) |
| 4648 | 37039_2.R1011.f2 | myb_dna-binding(HMM:9.3e-45) |
| 4649 | xsy700211270.h1.f2 | myb_dna-binding(HMM:9.4e-20) |

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| 4650 | fC-zmro700835640f1.f3 | myb_dna-binding(HMM:9.9) |
| 4651 | pwr700451947.h1.f3 | myc_n_term(HMM:1.3e-07) |
| 4652 | LIB3062-027-Q1-K1-G5.f3 | nam(HMM:0.00016) |
| 4653 | wyr700240279.h1.f2 | nam(HMM:0.00045) |
| 4654 | 108682_1.R1011.fl | nam(HMM:0.00048) |
| 4655 | tfd700574820.h1.f2 | nam(HMM:0.0008) |
| 4656 | LIB3060-045-Q1-K1-G6.f3 | nam(HMM:0.0013) |
| 4657 | xsy700208075.h1.f3 | nam(HMM:0.0013) |
| 4658 | LIB3060-022-Q1-K1-C4.f3 | nam(HMM:0.0027) |
| 4659 | 95404_1.R1011.f4 | nam(HMM:0.0029) |
| 4660 | 54370_1.R1011.fl | nam(HMM:0.0038) |
| 4661 | 45380_1.R1011.fl | nam(HMM:0.0041) |
| 4662 | LIB3060-029-Q1-K1-C8.f3 | nam(HMM:0.01) |
| 4663 | 134883_1.R1011.fl | nam(HMM:0.027) |
| 4664 | 201218_1.R1011.fl | nam(HMM:0.052) |
| 4665 | LIB3117-005-Q1-K1-A2.f2 | nam(HMM:0.2) |
| 4666 | wyr700235447.h1.f2 | nam(HMM:0.22) |
| 4667 | LIB3137-041-Q1-K1-C9.f3 | nam(HMM:0.27) |
| 4668 | 206869_1.R1011.fl | nam(HMM:0.72) |
| 4669 | 301_1.R1011.f4 | nam(HMM:1.1e-06) |
| 4670 | uC-zmrob73057e10a1.fl | nam(HMM:1.1e-06) |
| 4671 | 73768_1.R1011.f3 | nam(HMM:1.1e-48) |
| 4672 | 124375_1.R1011.f3 | nam(HMM:1.1e-71) |
| 4673 | wyr700243269.h1.f2 | nam(HMM:1.2) |
| 4674 | LIB3088-025-Q1-K1-E9.f2 | nam(HMM:1.2e-06) |
| 4675 | LIB3069-033-Q1-K1-B10.f2 | nam(HMM:1.4) |
| 4676 | LIB3151-016-Q1-K1-D2.f3 | nam(HMM:1.4e-15) |
| 4677 | 19925_2.R1011.fl | nam(HMM:1.4e-80) |
| 4678 | 242069_1.R1011.fl | nam(HMM:1.5e-18) |
| 4679 | 215216_1.R1011.fl | nam(HMM:1.6e-12) |
| 4680 | 202414_1.R1011.f3 | nam(HMM:1.7e-36) |
| 4681 | uwc700150130.h1.f3 | nam(HMM:1e-10) |
| 4682 | uC-zmflmo17132d12b1.f2 | nam(HMM:2.1) |
| 4683 | 10371_3.R1011.f3 | nam(HMM:2.1e-22) |
| 4684 | 46032_4.R1011.f2 | nam(HMM:2.3) |
| 4685 | cyk700051638.fl.fl | nam(HMM:2.3e-13) |
| 4686 | ymt700219252.h1.fl | nam(HMM:2.5e-13) |
| 4687 | qmh700028170.fl.f3 | nam(HMM:2.6e-08) |
| 4688 | vux700157267.h1.f2 | nam(HMM:2.6e-08) |
| 4689 | 24806_3.R1011.f4 | nam(HMM:2.7e-83) |
| 4690 | 12221_1.R1011.fl | nam(HMM:2.8e-41) |
| 4691 | 24806_2.R1011.f5 | nam(HMM:2.8e-67) |
| 4692 | dyk700102188.h1.f2 | nam(HMM:2.9) |
| 4693 | uwc700149818.h1.fl | nam(HMM:3.1e-11) |
| 4694 | 970_6.R1011.f2 | nam(HMM:3.1e-37) |
| 4695 | g5555593.f3 | nam(HMM:3.2e-64) |
| 4696 | 30619_1.R1011.f2 | nam(HMM:3.3e-79) |
| 4697 | 207681_1.R1011.f2 | nam(HMM:3.5) |
| 4698 | uC-zmflmo17160c10b1.f3 | nam(HMM:3.5e-09) |
| 4699 | uC-zmflmo17336e02b1.fl | nam(HMM:3.7) |
| 4700 | LIB3115-029-P1-K1-F7.f2 | nam(HMM:3.7e-16) |
| 4701 | LIB3136-019-Q1-K1-C9.f2 | nam(HMM:3.8e-05) |
| 4702 | 371645_1.R1011.f4 | nam(HMM:4.5e-08) |
| 4703 | 120771_1.R1011.fl | nam(HMM:4.5e-36) |

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| 4757 | sem700930118.h1.f3 | phd(HMM:0.0072) |
| 4758 | 133965_1.R1011.f1 | phd(HMM:0.01) |
| 4759 | 35755_1.R1011.f3 | phd(HMM:0.045) |
| 4760 | 227366_1.R1011.f2 | phd(HMM:0.11) |
| 4761 | 39_1.R1011.f2 | phd(HMM:0.11) |
| 4762 | LIB3076-004-Q1-K1-D10.f2 | phd(HMM:0.11) |
| 4763 | 161337_1.R1011.f3 | phd(HMM:0.12) |
| 4764 | 24_1.R1011.f2 | phd(HMM:0.13) |
| 4765 | 96044_1.R1011.f3 | phd(HMM:0.15) |
| 4766 | 133844_1.R1011.f3 | phd(HMM:0.16),zf-c3hc4(HMM:2.1e-08) |
| 4767 | g5006147.f6 | phd(HMM:0.18) |
| 4768 | g511367.f3 | phd(HMM:0.29) |
| 4769 | uC-zmflb73232a09b1.f3 | phd(HMM:0.49) |
| 4770 | rvt700549516.h1.f1 | phd(HMM:1.1e-09) |
| 4771 | g4938805.f5 | phd(HMM:1.2e-05) |
| 4772 | 5182_2.R1011.f3 | phd(HMM:1.2e-10) |
| 4773 | 33917_1.R1011.f1 | phd(HMM:1.2e-11) |
| 4774 | 18361_3.R1011.f1 | phd(HMM:1.4e-12) |
| 4775 | LIB3059-004-Q1-K1-G10.f1 | phd(HMM:1.5e-05) |
| 4776 | 18361_6.R1011.f1 | phd(HMM:1.5e-12) |
| 4777 | LIB3079-026-Q1-K1-C12.f6 | phd(HMM:1.5e-13) |
| 4778 | 33_1.R1011.f3 | phd(HMM:1.7e-26) |
| 4779 | 33_2.R1011.f2 | phd(HMM:1.8e-06) |
| 4780 | 37_1.R1011.f1 | phd(HMM:2.1e-17) |
| 4781 | 33917_2.R1011.f2 | phd(HMM:2.2e-11) |
| 4782 | 170811_1.R1011.f4 | phd(HMM:2.4e-11) |
| 4783 | 31_1.R1011.f1 | phd(HMM:2.7e-10) |
| 4784 | 80836_1.R1011.f2 | phd(HMM:2.9e-06) |
| 4785 | 85816_1.R1011.f2 | phd(HMM:3.1) |
| 4786 | 149233_1.R1011.f2 | phd(HMM:3.3e-11) |
| 4787 | 2345_1.R1011.f1 | phd(HMM:3.4e-12) |
| 4788 | 34_1.R1011.f1 | phd(HMM:3.9e-10) |
| 4789 | 12886_1.R1011.f2 | phd(HMM:4.6e-11),zf-c3hc4(HMM:0.11) |
| 4790 | 65563_1.R1011.f2 | phd(HMM:4e-06) |
| 4791 | 4863_1.R1011.f3 | phd(HMM:4e-11) |
| 4792 | 53455_1.R1011.f1 | phd(HMM:5.6e-12) |
| 4793 | 19796_1.R1011.f2 | phd(HMM:6.9e-11) |
| 4794 | 5182_1.R1011.f2 | phd(HMM:7.9e-11) |
| 4795 | ypc700806368.h1.f3 | response_reg(HMM:0.00012) |
| 4796 | 65085_2.R1011.f1 | response_reg(HMM:0.00013) |
| 4797 | LIB3180-050-P2-M1-A9.f1 | response_reg(HMM:0.00014) |
| 4798 | uC-zmflmo17226h04a1.f6 | response_reg(HMM:0.00041) |
| 4799 | uC-zmrob73055d04b1.f3 | response_reg(HMM:0.0014) |
| 4800 | 130_2.R1011.f3 | response_reg(HMM:0.0032) |
| 4801 | ymt700223944.h1.f3 | response_reg(HMM:0.0039) |
| 4802 | LIB3079-004-Q1-K1-A2.f2 | response_reg(HMM:0.0064) |
| 4803 | xjt700094034.h1.f3 | response_reg(HMM:0.0081) |
| 4804 | LIB3079-022-Q1-K1-C1.f3 | response_reg(HMM:1.1e-05) |
| 4805 | 337940_1.R1011.f3 | response_reg(HMM:1.2e-14) |
| 4806 | 92601_1.R1011.f2 | response_reg(HMM:1.3e-31) |
| 4807 | 451_2.R1011.f3 | response_reg(HMM:1.4e-28) |
| 4808 | uC-zmflmo17122e02b1.f1 | response_reg(HMM:1.6e-06) |

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| 4809 | uC-zmflb73145a08b1.f6 | response_reg(HMM:1.7e-23) |
| 4810 | 16902_1.R1011.f2 | response_reg(HMM:1.7e-27) |
| 4811 | 127220_1.R1011.f3 | response_reg(HMM:1.9e-25) |
| 4812 | 40825_1.R1011.f1 | response_reg(HMM:1e-21) |
| 4813 | 39702_1.R1011.f2 | response_reg(HMM:2.1e-33) |
| 4814 | 93258_1.R1011.f1 | response_reg(HMM:2.7e-15) |
| 4815 | 130_1.R1011.f3 | response_reg(HMM:2e-24) |
| 4816 | 85312_1.R1011.f2 | response_reg(HMM:3.1e-31) |
| 4817 | 262612_1.R1011.f1 | response_reg(HMM:3.3) |
| 4818 | uC-zmflmo17228b09a1.f2 | response_reg(HMM:3.3e-33) |
| 4819 | uC-zmflmo17d08b1.f1 | response_reg(HMM:3.6e-11) |
| 4820 | 3176_1.R1011.f1 | response_reg(HMM:3.7e-28) |
| 4821 | uC-zmflb73267e04b2.f2 | response_reg(HMM:3e-05) |
| 4822 | 33496_1.R1011.f2 | response_reg(HMM:4.1e-11) |
| 4823 | 83822_1.R1011.f1 | response_reg(HMM:4.3e-07) |
| 4824 | 121995_1.R1011.f2 | response_reg(HMM:4.3e-10) |
| 4825 | 451_1.R1011.f1 | response_reg(HMM:5.4e-31) |
| 4826 | 5057_2.R1011.f2 | response_reg(HMM:5.7e-29) |
| 4827 | uC-zmflmo17225f10a1.f3 | response_reg(HMM:6.2e-19) |
| 4828 | uC-zmflmo17252b11a1.f1 | response_reg(HMM:6.6e-21) |
| 4829 | 89322_1.R1011.f1 | response_reg(HMM:6.7e-12) |
| 4830 | uC-zmflmo17169d11a1.f2 | response_reg(HMM:7.2e-05) |
| 4831 | 36385_1.R1011.f1 | response_reg(HMM:7.9e-11) |
| 4832 | LIB3059-026-Q1-K1-H6.f1 | response_reg(HMM:8.9e-05) |
| 4833 | 5057_1.R1011.f3 | response_reg(HMM:9.1e-30) |
| 4834 | LIB3069-024-Q1-K1-G9.f2 | runt(HMM:0.008) |
| 4835 | LIB3136-001-P1-K1-D6.f2 | sbpb(HMM:0.00086) |
| 4836 | uC-zmflb73276d09b1.f3 | sbpb(HMM:0.0046) |
| 4837 | pmx700084920.h1.f1 | sbpb(HMM:1.3e-10) |
| 4838 | cat700019575.r1.f3 | sbpb(HMM:1.4e-13) |
| 4839 | uwc700150553.h1.f3 | sbpb(HMM:1.4e-39) |
| 4840 | qmh700030362.f1.f3 | sbpb(HMM:1.7e-10) |
| 4841 | 67995_1.R1011.f3 | sbpb(HMM:1.8e-34) |
| 4842 | 62560_1.R1011.f2 | sbpb(HMM:2.2e-05) |
| 4843 | 235145_1.R1011.f1 | sbpb(HMM:2.4e-15) |
| 4844 | uC-zmflb73113c09a2.f4 | sbpb(HMM:3.3e-18) |
| 4845 | 241_44.R1011.f6 | sbpb(HMM:4.5e-39) |
| 4846 | 1173_1.R1011.f3 | sbpb(HMM:4.6e-44) |
| 4847 | LIB3069-037-Q1-K1-C4.f1 | sbpb(HMM:5.8e-10) |
| 4848 | xyt700343163.h1.f2 | sbpb(HMM:5.8e-16) |
| 4849 | uC-zmflb73372c09a1.f6 | sbpb(HMM:8.1) |
| 4850 | afb700381372.h1.f2 | scan(HMM:2.2e-09) |
| 4851 | LIB3116-007-Q1-K1-E8.f1 | scr(HMM:0.00088) |
| 4852 | cyk700051838.f1.f1 | scr(HMM:0.0022) |
| 4853 | LIB3136-038-P1-K1-F6.f3 | scr(HMM:0.0036) |
| 4854 | uC-zmflmo17275c01a1.f5 | scr(HMM:0.005) |
| 4855 | uC-zmroteosinte016b06b1.f3 | scr(HMM:0.006) |
| 4856 | 218432_1.R1011.f3 | scr(HMM:0.0084) |
| 4857 | 55105_1.R1011.f1 | scr(HMM:0.0085) |
| 4858 | 240174_1.R1011.f3 | scr(HMM:0.029) |
| 4859 | 2021_9.R1011.f1 | scr(HMM:1.3) |
| 4860 | mwy700442142.h1.f1 | scr(HMM:1.3e-05) |
| 4861 | 31248_1.R1011.f2 | scr(HMM:1.4e-27) |
| 4862 | 86173_1.R1011.f1 | scr(HMM:1.6e-37) |

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| 4863 | LIB3279-008-P1-K1-A1.f3 | scr(HMM:1.7e-05) |
| 4864 | 70371_1.R1011.f3 | scr(HMM:1.7e-14) |
| 4865 | 85163_1.R1011.f3 | scr(HMM:1.9e-13) |
| 4866 | 1042_1.R1011.f1 | scr(HMM:1.9e-16) |
| 4867 | 6174_1.R1011.f3 | scr(HMM:2.1e-27) |
| 4868 | g4152171.f3 | scr(HMM:2.3) |
| 4869 | LIB3069-022-Q1-K1-E10.f2 | scr(HMM:2.3e-22) |
| 4870 | kem700612202.h1.f3 | scr(HMM:2.3e-24) |
| 4871 | LIB83-013-Q1-E1-F6.f2 | scr(HMM:2.4e-06) |
| 4872 | 645_2.R1011.f4 | scr(HMM:2.5e-68) |
| 4873 | 35597_1.R1011.f2 | scr(HMM:2.8e-05) |
| 4874 | LIB148-030-Q1-E1-E4.f4 | scr(HMM:2.9e-30) |
| 4875 | gct701173786.h1.f2 | scr(HMM:3.8e-12) |
| 4876 | uC-zmflb73073f08b3.f5 | scr(HMM:4.2e-10) |
| 4877 | uC-zmflMo17064f12b1.f3 | scr(HMM:4.3e-10) |
| 4878 | 33292_1.R1011.f3 | scr(HMM:4.8e-114) |
| 4879 | uC-zmroB73014d08b1.f3 | scr(HMM:5.3e-06) |
| 4880 | 19366_1.R1011.f2 | scr(HMM:5.3e-20) |
| 4881 | LIB3076-032-Q1-K1-C4.f1 | scr(HMM:5.7e-14) |
| 4882 | 19366_2.R1011.f3 | scr(HMM:6.5e-07) |
| 4883 | 39453_1.R1011.f1 | scr(HMM:6.8e-06) |
| 4884 | 177209_1.R1011.f5 | scr(HMM:7.2e-19) |
| 4885 | 2021_4.R1011.f2 | scr(HMM:7.2e-20) |
| 4886 | fdz701163921.h1.f1 | scr(HMM:7.4e-09) |
| 4887 | uC-zmflb73033d10b1.f3 | scr(HMM:7.4e-15) |
| 4888 | 91255_1.R1011.f3 | scr(HMM:7.5e-07) |
| 4889 | 44990_1.R1011.f1 | scr(HMM:7.7e-12) |
| 4890 | 101733_1.R1011.f3 | scr(HMM:8.8e-17) |
| 4891 | xsy700212015.h1.f3 | scr(HMM:8.8e-32) |
| 4892 | uC-zmflmo17289a06b1.f1 | scr(HMM:9.3e-05) |
| 4893 | 72518_1.R1011.f1 | scr(HMM:9.3e-12) |
| 4894 | wyr700237065.h1.f3 | scr(HMM:9.7e-06) |
| 4895 | ntr700074722.h1.f1 | scr(HMM:9.9e-28) |
| 4896 | ceu700432452.h1.f3 | set(HMM:0.00016) |
| 4897 | nwy700445574.h1.f2 | set(HMM:0.0002) |
| 4898 | 159774_1.R1011.f6 | set(HMM:0.00046) |
| 4899 | 159774_2.R1011.f4 | set(HMM:0.00059) |
| 4900 | yne700378914.h1.f2 | set(HMM:0.00059) |
| 4901 | LIB3075-019-Q1-K1-E9.f2 | set(HMM:0.00076) |
| 4902 | uC-zmflb73150d09b1.f1 | set(HMM:0.0012) |
| 4903 | LIB3116-015-P1-K1-H1.f1 | set(HMM:0.0015) |
| 4904 | 4642_1.R1011.f1 | set(HMM:0.07) |
| 4905 | 112014_1.R1011.f3 | set(HMM:0.12) |
| 4906 | 201970_1.R1011.f2 | set(HMM:0.14) |
| 4907 | 82277_1.R1011.f2 | set(HMM:0.85) |
| 4908 | xjt700096952.h1.f1 | set(HMM:1.1e-11) |
| 4909 | uC-zmflb731230c05a1.f6 | set(HMM:1.1e-12) |
| 4910 | 1755_1.R1011.f2 | set(HMM:1.1e-36) |
| 4911 | 54645_1.R1011.f2 | set(HMM:1.1e-46) |
| 4912 | uC-zmflb73230c10b2.f1 | set(HMM:1.3e-06) |
| 4913 | LIB3079-056-Q1-K1-E1.f1 | set(HMM:1.5e-15) |
| 4914 | LIB3075-013-Q1-K1-F1.f1 | set(HMM:1.6e-12) |
| 4915 | 70655_1.R1011.f3 | set(HMM:1.6e-26) |
| 4916 | afb700381224.h1.f1 | set(HMM:1.7e-06) |

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| 4917 | gct701180481.h1.f3 | set(HMM:1.7e-13) |
| 4918 | uC-zmflb73139a02b1.f1 | set(HMM:1.8e-05) |
| 4919 | 4193_1.R1011.f3 | set(HMM:1.8e-50) |
| 4920 | 138441_1.R1011.f2 | set(HMM:1.9e-14) |
| 4921 | 8673_1.R1011.f3 | set(HMM:2.6e-05) |
| 4922 | 211176_1.R1011.f2 | set(HMM:2.7) |
| 4923 | 5363_1.R1011.f1 | set(HMM:3.1e-26) |
| 4924 | LIB3062-051-Q1-K1-A12.f1 | set(HMM:3.2) |
| 4925 | 5332_1.R1011.f1 | set(HMM:3.3e-34) |
| 4926 | 78685_1.R1011.f1 | set(HMM:4e-06) |
| 4927 | LIB3150-023-Q1-N1-F1.f3 | set(HMM:4e-11) |
| 4928 | uC-zmroteosinte008f10b1.f3 | set(HMM:5.3e-53) |
| 4929 | 140423_1.R1011.f2 | set(HMM:5.4e-55) |
| 4930 | cjh700196512.h1.f2 | set(HMM:6.4e-14) |
| 4931 | 42686_1.R1011.f1 | set(HMM:7.8e-44) |
| 4932 | fdz701160861.h1.f1 | set(HMM:8.2e-08) |
| 4933 | 107223_1.R1011.f2 | set(HMM:9.5e-19) |
| 4934 | 18141_1.R1011.f1 | set(HMM:9.7e-07) |
| 4935 | rvl700456152.h1.f3 | set(HMM:9.9e-13) |
| 4936 | LIB3067-013-Q1-K1-F4.f3 | snf2_n(HMM:0.00016),zf-c3hc4(HMM:0.18) |
| 4937 | 104440_1.R1011.f2 | snf2_n(HMM:0.006) |
| 4938 | nbm700468170.h1.f2 | snf2_n(HMM:0.083) |
| 4939 | LIB3066-024-Q1-K1-F6.f2 | snf2_n(HMM:0.75) |
| 4940 | 85215_1.R1011.f1 | snf2_n(HMM:0.78) |
| 4941 | 96331_1.R1011.f3 | snf2_n(HMM:1.1e-45) |
| 4942 | uC-zmflmo17223c09b1.f1 | snf2_n(HMM:1.3e-17) |
| 4943 | nbm700473042.h1.f2 | snf2_n(HMM:1.6e-26) |
| 4944 | uC-zmflmo17066b08b1.f1 | snf2_n(HMM:1.7e-10) |
| 4945 | 6150_1.R1011.f3 | snf2_n(HMM:1.8e-141) |
| 4946 | 225672_1.R1011.f1 | snf2_n(HMM:1.9e-25) |
| 4947 | xsy700207459.h1.f1 | snf2_n(HMM:2.2e-08) |
| 4948 | LIB3076-019-Q1-K1-F10.f3 | snf2_n(HMM:2.4e-13) |
| 4949 | 219582_1.R1011.f3 | snf2_n(HMM:2.6e-06) |
| 4950 | 6423_1.R1011.f2 | snf2_n(HMM:2.6e-15) |
| 4951 | gct701167820.h1.f1 | snf2_n(HMM:2.9e-19) |
| 4952 | 98888_1.R1011.f3 | snf2_n(HMM:3.1e-10) |
| 4953 | 5603_1.R1011.f3 | snf2_n(HMM:3.1e-14),zf-c3hc4(HMM:0.0097) |
| 4954 | 21514_1.R1011.f2 | snf2_n(HMM:3.5e-07) |
| 4955 | 22960_1.R1011.f1 | snf2_n(HMM:3.5e-12) |
| 4956 | 3233_1.R1011.f2 | snf2_n(HMM:3e-23) |
| 4957 | LIB3159-002-Q1-K1-E3.f3 | snf2_n(HMM:4e-13) |
| 4958 | 271062_1.R1011.f1 | snf2_n(HMM:8.2e-20) |
| 4959 | uC-zmflmo17262b09b1.f1 | snf2_n(HMM:8.4e-09) |
| 4960 | 33998_1.R1011.f2 | snf2_n(HMM:8.8e-46) |
| 4961 | 55025_1.R1011.f2 | snf2_n(HMM:9.1e-10) |
| 4962 | uC-zmflb73275a12b1.f3 | srf-tf(HMM:0.00028) |
| 4963 | LIB3279-011-P1-K1-D3.f2 | srf-tf(HMM:0.00063) |
| 4964 | LIB189-006-Q1-E1-G12.f1 | srf-tf(HMM:0.0036) |
| 4965 | uC-zmflmo17259b12b1.f3 | srf-tf(HMM:0.14) |
| 4966 | uC-zmflMo17068a10b1.f2 | srf-tf(HMM:0.79) |
| 4967 | 112_4.R1011.f2 | srf-tf(HMM:1.1e-35) |
| 4968 | LIB3076-018-Q1-K1-A4.f3 | srf-tf(HMM:1.2e-17) |

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| 4969 | uC-zmflmo17039a04b1.f3 | srf-tf(HMM:1.4e-29) |
| 4970 | LIB3069-009-Q1-K1-H3.f1 | srf-tf(HMM:1.5e-33) |
| 4971 | CPR9103_L30684201_FL.f3 | srf-tf(HMM:1.5e-37) |
| 4972 | LIB3069-036-Q1-K1-H9.f1 | srf-tf(HMM:1.6e-23) |
| 4973 | uC-zmflmo17223f08b1.f1 | srf-tf(HMM:1.7) |
| 4974 | uC-zmflb73114g10b1.f2 | srf-tf(HMM:1.8e-13) |
| 4975 | 166_2.R1011.f1 | srf-tf(HMM:1.9e-29) |
| 4976 | uC-zmflmo17001d12b1.f2 | srf-tf(HMM:1e-14) |
| 4977 | LIB3077-002-Q1-K1-D11.f1 | srf-tf(HMM:2.1e-12) |
| 4978 | 71280_1.R1011.f1 | srf-tf(HMM:2.1e-29) |
| 4979 | xmt700261644.h1.f3 | srf-tf(HMM:2.3) |
| 4980 | uwc700151223.h1.f2 | srf-tf(HMM:2.5e-09) |
| 4981 | LIB3067-028-Q1-K1-H6.f3 | srf-tf(HMM:2.6e-23) |
| 4982 | 166_3.R1011.f2 | srf-tf(HMM:2e-30) |
| 4983 | 111_1.R1011.f3 | srf-tf(HMM:2e-35) |
| 4984 | LIB3062-002-Q1-K2-B3.f1 | srf-tf(HMM:2e-35) |
| 4985 | LIB3075-043-Q1-K1-D3.f3 | srf-tf(HMM:3.1e-33) |
| 4986 | uC-zmflmo17068a10b2.f2 | srf-tf(HMM:3.3) |
| 4987 | LIB3068-061-Q1-K1-E2.f3 | srf-tf(HMM:3.3e-11) |
| 4988 | uC-zmflb73003f02b1.f2 | srf-tf(HMM:3.6e-06) |
| 4989 | g939782.f1 | srf-tf(HMM:3.7e-33) |
| 4990 | LIB3181-009-P1-K2-C3.f3 | srf-tf(HMM:3.9e-36) |
| 4991 | 611_4.R1011.f1 | srf-tf(HMM:3e-36) |
| 4992 | uC-zmflb73301e08b2.f1 | srf-tf(HMM:3e-36) |
| 4993 | 122_4.R1011.f3 | srf-tf(HMM:3e-37) |
| 4994 | uC-zmflmo17184g02b1.f3 | srf-tf(HMM:4.2e-10) |
| 4995 | 543_8.R1011.f3 | srf-tf(HMM:4.2e-34) |
| 4996 | uC-zmflmo17202h01b1.f2 | srf-tf(HMM:4.4e-35) |
| 4997 | uC-zmflmo17171b06b1.f2 | srf-tf(HMM:4.4e-36) |
| 4998 | LIB189-012-Q1-E1-F6.f2 | srf-tf(HMM:4.9e-14) |
| 4999 | 9_1.R1011.f2 | srf-tf(HMM:4e-32) |
| 5000 | dyk700106944.h1.f3 | srf-tf(HMM:5.3e-05) |
| 5001 | LIB3079-023-Q1-K1-H5.f1 | srf-tf(HMM:5.3e-05) |
| 5002 | uC-zmroteosinte058g09b2.f3 | srf-tf(HMM:7.2e-16) |
| 5003 | g793901.f1 | srf-tf(HMM:8.3e-32) |
| 5004 | LIB3116-001-Q1-K1-G1.f5 | srf-tf(HMM:9.4e-09) |
| 5005 | 606_1.R1011.f2 | tbp(HMM:2.2e-81) |
| 5006 | 606_2.R1011.f1 | tbp(HMM:2.2e-81) |
| 5007 | 102306_1.R1011.f3 | teo(HMM:0.0025) |
| 5008 | 250289_1.R1011.f1 | teo(HMM:0.19) |
| 5009 | cat700020547.r1.f3 | teo(HMM:0.69) |
| 5010 | pmx700086592.h1.f2 | teo(HMM:0.88) |
| 5011 | LIB3137-013-Q1-K1-A5.f2 | teo(HMM:1.1e-27) |
| 5012 | 135315_1.R1011.f5 | teo(HMM:1.6e-08) |
| 5013 | LIB84-008-Q1-E1-C5.f2 | teo(HMM:2.9) |
| 5014 | g5268663.f2 | teo(HMM:2e-07) |
| 5015 | LIB84-026-Q1-E1-F3.f3 | teo(HMM:3e-11) |
| 5016 | g2051978.f3 | teo(HMM:5.1e-29) |
| 5017 | uC-zmflmo17123d12a1.f4 | tffis(HMM:0.00064) |
| 5018 | 141904_1.R1011.f2 | tffis(HMM:0.00068) |
| 5019 | 44455_1.R1011.f2 | tffis(HMM:0.087) |
| 5020 | g5714238.f6 | tffis(HMM:0.087) |
| 5021 | 356480_1.R1011.f1 | tffis(HMM:3.5e-19) |
| 5022 | 2200_1.R1011.f2 | tffis(HMM:3.5e-20) |

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| 5023 | 149396_1.R1011.f1 | tfiis(HMM:3e-07) |
| 5024 | 20390_1.R1011.f2 | tfiis(HMM:4e-12) |
| 5025 | 21886_1.R1011.f1 | tfiis(HMM:4e-12) |
| 5026 | 2200_2.R1011.f1 | tfiis(HMM:5.3e-21) |
| 5027 | dyk700105135.h1.f2 | transcript_fac2(HMM:0.057) |
| 5028 | g4804552.f4 | transcript_fac2(HMM:2e-17) |
| 5029 | 10_1.R1011.f2 | transcript_fac2(HMM:6e-54) |
| 5030 | LIB3150-080-P2-N2-D2.f1 | trihelix(HMM:0.061) |
| 5031 | 35673_1.R1011.f1 | trihelix(HMM:1.3e-57) |
| 5032 | uC-zmflb73137a02b1.f1 | trihelix(HMM:2.5e-06) |
| 5033 | xjt700095936.h1.f3 | trihelix(HMM:2.6e-10) |
| 5034 | 10776_1.R1011.f3 | trihelix(HMM:2.7e-09) |
| 5035 | 238186_1.R1011.f1 | trihelix(HMM:3.8e-07) |
| 5036 | 234329_1.R1011.f5 | trihelix(HMM:3.9e-18) |
| 5037 | 80958_1.R1011.f2 | trihelix(HMM:5.6e-56) |
| 5038 | xjt700095983.h1.f2 | trihelix(HMM:7.2e-18) |
| 5039 | uC-zmroteosinte105d05b1.f3 | wrky(HMM:0.00016) |
| 5040 | fwa700097379.h1.f2 | wrky(HMM:0.00022) |
| 5041 | LIB3069-037-Q1-K1-A10.f4 | wrky(HMM:0.0021) |
| 5042 | cyk700048751.f1.f3 | wrky(HMM:0.0022) |
| 5043 | 16821_1.R1011.f6 | wrky(HMM:0.004) |
| 5044 | LIB3069-004-Q1-K1-F1.f3 | wrky(HMM:0.005) |
| 5045 | uC-zmflb73168d03a1.f3 | wrky(HMM:0.0084) |
| 5046 | 262895_1.R1011.f1 | wrky(HMM:0.17) |
| 5047 | 353348_1.R1011.f3 | wrky(HMM:0.17) |
| 5048 | 85014_1.R1011.f1 | wrky(HMM:1.1e-38) |
| 5049 | gct701174191.h1.f1 | wrky(HMM:1.3e-29) |
| 5050 | clt700043633.f1.f3 | wrky(HMM:1.4e-12) |
| 5051 | 14223_1.R1011.f3 | wrky(HMM:1.4e-36) |
| 5052 | LIB3116-028-P1-K1-A11.f1 | wrky(HMM:1.7e-09) |
| 5053 | uC-zmflb73017d01b1.f3 | wrky(HMM:1.8e-35) |
| 5054 | 94980_1.R1011.f5 | wrky(HMM:1.8e-39) |
| 5055 | 120742_1.R1011.f3 | wrky(HMM:1.9e-33) |
| 5056 | clt700041878.f1.f2 | wrky(HMM:2.1e-18) |
| 5057 | 226212_1.R1011.f2 | wrky(HMM:2.2e-17) |
| 5058 | 54216_2.R1011.f3 | wrky(HMM:2.2e-29) |
| 5059 | wyr700236840.h1.f1 | wrky(HMM:2.6) |
| 5060 | 54216_1.R1011.f1 | wrky(HMM:2.6e-25) |
| 5061 | LIB84-010-Q1-E1-F10.f2 | wrky(HMM:3.2e-21) |
| 5062 | uwc700151333.h1.f3 | wrky(HMM:3.4e-08) |
| 5063 | 409_1.R1011.f3 | wrky(HMM:3.4e-44) |
| 5064 | 153602_1.R1011.f2 | wrky(HMM:3.6e-18) |
| 5065 | 23750_1.R1011.f3 | wrky(HMM:3.8e-07) |
| 5066 | 182_1.R1011.f3 | wrky(HMM:3e-44) |
| 5067 | 8386_1.R1011.f3 | wrky(HMM:4.2e-37) |
| 5068 | 153602_3.R1011.f1 | wrky(HMM:4e-25) |
| 5069 | 36570_1.R1011.f1 | wrky(HMM:5.3e-07) |
| 5070 | 68895_1.R1011.f3 | wrky(HMM:5.3e-31) |
| 5071 | uC-zmroteosinte107d12b2.f1 | wrky(HMM:5.8e-17) |
| 5072 | 151396_1.R1011.f1 | wrky(HMM:5e-19) |
| 5073 | 206462_1.R1011.f2 | wrky(HMM:7.1e-38) |
| 5074 | 24372_2.R1011.f3 | wrky(HMM:7.1e-40) |
| 5075 | 47925_1.R1011.f2 | wrky(HMM:7.4e-26) |
| 5076 | dyk700106359.h1.f3 | wrky(HMM:7.8e-09) |

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| 5077 | pmx700082065.h1.f2 | wrky(HMM:8.4e-05) |
| 5078 | uC-zmflb73147h04b1.f3 | wrky(HMM:8.8) |
| 5079 | xdb700337862.h1.f4 | wrky(HMM:9.9e-05) |
| 5080 | pmx700089722.h1.f1 | wrky(HMM:9.9e-38) |
| 5081 | gct701167914.h1.f3 | wrky(HMM:9e-15) |
| 5082 | g5268376.f3 | wrky(HMM:9e-41) |
| 5083 | 142_1.R1011.f3 | zf-b_box(HMM:0.00024),zf-constans(HMM:4.3e-32) |
| 5084 | 142_2.R1011.f2 | zf-b_box(HMM:0.00024),zf-constans(HMM:4.3e-32) |
| 5085 | 68636_2.R1011.f3 | zf-b_box(HMM:0.0075),zf-constans(HMM:3.7e-38) |
| 5086 | 61495_1.R1011.f2 | zf-b_box(HMM:0.063),zf-constans(HMM:3.9e-15) |
| 5087 | 8146_2.R1011.f3 | zf-b_box(HMM:0.088),zf-constans(HMM:3.9e-39) |
| 5088 | 157403_1.R1011.f4 | zf-c2h2(HMM:0.00021) |
| 5089 | wyr700240638.h1.f2 | zf-c2h2(HMM:0.00024) |
| 5090 | 53008_1.R1011.f1 | zf-c2h2(HMM:0.00025) |
| 5091 | 419_1.R1011.f3 | zf-c2h2(HMM:0.00056) |
| 5092 | LIB3115-015-P1-K1-F5.f1 | zf-c2h2(HMM:0.0008) |
| 5093 | 41347_1.R1011.f3 | zf-c2h2(HMM:0.00091) |
| 5094 | 209161_1.R1011.f3 | zf-c2h2(HMM:0.00099) |
| 5095 | LIB3069-042-Q1-K1-H12.f2 | zf-c2h2(HMM:0.0014) |
| 5096 | fdz701160730.h1.f1 | zf-c2h2(HMM:0.0022) |
| 5097 | 57582_1.R1011.f1 | zf-c2h2(HMM:0.0024) |
| 5098 | fC-zmst700894694a1.f1 | zf-c2h2(HMM:0.0027) |
| 5099 | uC-zmflb73027h12b1.f1 | zf-c2h2(HMM:0.0029) |
| 5100 | LIB3088-019-Q1-K1-F8.f3 | zf-c2h2(HMM:0.017) |
| 5101 | LIB3136-023-Q1-K1-C2.f2 | zf-c2h2(HMM:0.017) |
| 5102 | LIB3151-023-Q1-K1-G2.f2 | zf-c2h2(HMM:0.022) |
| 5103 | 157260_1.R1011.f1 | zf-c2h2(HMM:0.033) |
| 5104 | uC-zmflb73260g05b2.f3 | zf-c2h2(HMM:0.043) |
| 5105 | 347503_1.R1011.f1 | zf-c2h2(HMM:0.071) |
| 5106 | pwr700453237.h1.f4 | zf-c2h2(HMM:0.087) |
| 5107 | 14895_1.R1011.f2 | zf-c2h2(HMM:0.1) |
| 5108 | 16240_1.R1011.f2 | zf-c2h2(HMM:1.3e-05) |
| 5109 | 191_1.R1011.f1 | zf-c2h2(HMM:1.6e-15) |
| 5110 | g4966708.f4 | zf-c2h2(HMM:1.8e-10) |
| 5111 | xyt700346018.h1.f3 | zf-c2h2(HMM:1.9e-25) |
| 5112 | 411_1.R1011.f2 | zf-c2h2(HMM:2.2e-07) |
| 5113 | uer700582866.h1.f2 | zf-c2h2(HMM:2.4e-06) |
| 5114 | LIB3068-001-Q1-K1-C7.f2 | zf-c2h2(HMM:3.2e-34) |
| 5115 | 1085_1.R1011.f1 | zf-c2h2(HMM:3.4e-28) |
| 5116 | 415_1.R1011.f1 | zf-c2h2(HMM:3.6e-09) |
| 5117 | yyf700352188.h1.f2 | zf-c2h2(HMM:3.6e-21) |
| 5118 | uC-zmflmo17070f07b1.f3 | zf-c2h2(HMM:4e-06) |
| 5119 | 419_3.R1011.f2 | zf-c2h2(HMM:6.8e-09) |
| 5120 | 262434_1.R1011.f2 | zf-c2h2(HMM:6.9e-10) |
| 5121 | 312453_1.R1011.f1 | zf-c2h2(HMM:7.1e-06) |
| 5122 | g3170600.f1 | zf-c2h2(HMM:7.7e-09) |
| 5123 | nwy700447294.h1.f2 | zf-c2h2(HMM:8.4e-19) |
| 5124 | LIB189-028-Q1-E1-F5.f1 | zf-c2h2(HMM:9.7e-07) |
| 5125 | 159463_1.R1011.f6 | zf-c3hc4(HMM:0.00013) |

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| 5180 | 612_5.R1011.f2 | zf-c3hc4(HMM:0.077) |
| 5181 | 72452_1.R1011.f1 | zf-c3hc4(HMM:0.078) |
| 5182 | uC-zmrob73054b08a1.f1 | zf-c3hc4(HMM:0.083) |
| 5183 | uC-zmflb73019d10b1.f1 | zf-c3hc4(HMM:0.086) |
| 5184 | LIB189-003-Q1-E1-E7.f1 | zf-c3hc4(HMM:0.089) |
| 5185 | 154523_1.R1011.f4 | zf-c3hc4(HMM:0.09) |
| 5186 | qmh700030296.f1.f3 | zf-c3hc4(HMM:0.094) |
| 5187 | g3340896.f4 | zf-c3hc4(HMM:0.1) |
| 5188 | g4967174.f5 | zf-c3hc4(HMM:0.11) |
| 5189 | 26273_1.R1011.f3 | zf-c3hc4(HMM:0.14) |
| 5190 | 93164_2.R1011.f3 | zf-c3hc4(HMM:0.3) |
| 5191 | 14776_2.R1011.f1 | zf-c3hc4(HMM:0.49) |
| 5192 | uC-zmflmo17076a01b1.f2 | zf-c3hc4(HMM:0.52) |
| 5193 | 26865_1.R1011.f2 | zf-c3hc4(HMM:0.59) |
| 5194 | 14776_3.R1011.f2 | zf-c3hc4(HMM:0.65) |
| 5195 | LIB3136-026-Q1-K1-B3.f1 | zf-c3hc4(HMM:0.75) |
| 5196 | 14776_1.R1011.f2 | zf-c3hc4(HMM:0.93) |
| 5197 | LIB3180-021-P2-M1-B3.f1 | zf-c3hc4(HMM:0.99) |
| 5198 | 26398_1.R1011.f5 | zf-c3hc4(HMM:1.1e-07) |
| 5199 | 47763_1.R1011.f2 | zf-c3hc4(HMM:1.1e-09) |
| 5200 | 64464_1.R1011.f1 | zf-c3hc4(HMM:1.1e-09) |
| 5201 | 76138_1.R1011.f2 | zf-c3hc4(HMM:1.1e-10) |
| 5202 | 24928_1.R1011.f3 | zf-c3hc4(HMM:1.1e-11) |
| 5203 | 76005_1.R1011.f3 | zf-c3hc4(HMM:1.1e-11) |
| 5204 | LIB3159-007-Q1-K1-F12.f2 | zf-c3hc4(HMM:1.1e-11) |
| 5205 | uC-zmflb73271c07a1.f4 | zf-c3hc4(HMM:1.2) |
| 5206 | g5525869.f4 | zf-c3hc4(HMM:1.2e-09) |
| 5207 | 11122_1.R1011.f2 | zf-c3hc4(HMM:1.2e-11) |
| 5208 | 19677_1.R1011.f2 | zf-c3hc4(HMM:1.2e-11) |
| 5209 | 93164_1.R1011.f1 | zf-c3hc4(HMM:1.3e-09) |
| 5210 | uC-zmflmo17169b10a1.f2 | zf-c3hc4(HMM:1.3e-09) |
| 5211 | 148037_1.R1011.f1 | zf-c3hc4(HMM:1.3e-10) |
| 5212 | wty700164124.h1.f1 | zf-c3hc4(HMM:1.4e-09) |
| 5213 | 4582_2.R1011.f6 | zf-c3hc4(HMM:1.5) |
| 5214 | 9403_1.R1011.f3 | zf-c3hc4(HMM:1.5e-05) |
| 5215 | g4646402.f6 | zf-c3hc4(HMM:1.5e-05) |
| 5216 | 105_4.R1011.f4 | zf-c3hc4(HMM:1.5e-08) |
| 5217 | 108416_1.R1011.f2 | zf-c3hc4(HMM:1.5e-09) |
| 5218 | 12986_1.R1011.f3 | zf-c3hc4(HMM:1.6e-13),zz(HMM:8e-11) |
| 5219 | 3192_1.R1011.f3 | zf-c3hc4(HMM:1.9) |
| 5220 | 159039_1.R1011.f6 | zf-c3hc4(HMM:1.9e-06) |
| 5221 | 36843_1.R1011.f2 | zf-c3hc4(HMM:1.9e-06) |
| 5222 | ceu700430292.h1.f1 | zf-c3hc4(HMM:1.9e-10) |
| 5223 | 23974_2.R1011.f2 | zf-c3hc4(HMM:1e-06) |
| 5224 | 68707_1.R1011.f2 | zf-c3hc4(HMM:1e-09) |
| 5225 | uC-zmromo17009a07a1.f4 | zf-c3hc4(HMM:1e-10) |
| 5226 | 165_1.R1011.f3 | zf-c3hc4(HMM:2.1e-08) |
| 5227 | 73703_1.R1011.f1 | zf-c3hc4(HMM:2.1e-10) |
| 5228 | 8767_1.R1011.f3 | zf-c3hc4(HMM:2.2e-06) |
| 5229 | 8767_2.R1011.f1 | zf-c3hc4(HMM:2.2e-06) |
| 5230 | 414_1.R1011.f2 | zf-c3hc4(HMM:2.2e-11) |
| 5231 | 5462_1.R1011.f1 | zf-c3hc4(HMM:2.3e-05) |
| 5232 | 360600_1.R1011.f1 | zf-c3hc4(HMM:2.3e-06) |

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| 5233 | 10589_1.R1011.f1 | zf-c3hc4(HMM:2.3e-10) |
| 5234 | LIB3069-004-Q1-K1-D7.f2 | zf-c3hc4(HMM:2.3e-10) |
| 5235 | 116629_1.R1011.f2 | zf-c3hc4(HMM:2.4e-08) |
| 5236 | 56775_1.R1011.f3 | zf-c3hc4(HMM:2.4e-12) |
| 5237 | tzu700205411.h1.f3 | zf-c3hc4(HMM:2.4e-12) |
| 5238 | 29304_1.R1011.f3 | zf-c3hc4(HMM:2.5e-07) |
| 5239 | 6572_1.R1011.f2 | zf-c3hc4(HMM:2.5e-08) |
| 5240 | 15090_3.R1011.f3 | zf-c3hc4(HMM:2.6e-12) |
| 5241 | 105_10.R1011.f5 | zf-c3hc4(HMM:2.7e-08) |
| 5242 | 41932_1.R1011.f3 | zf-c3hc4(HMM:2.7e-08) |
| 5243 | uC-zmflMol17004a08b1.f3 | zf-c3hc4(HMM:2.7e-10) |
| 5244 | 136215_1.R1011.f3 | zf-c3hc4(HMM:2.8e-05) |
| 5245 | g5058662.f4 | zf-c3hc4(HMM:2.8e-10) |
| 5246 | 74958_2.R1011.f1 | zf-c3hc4(HMM:2.9) |
| 5247 | 66897_1.R1011.f1 | zf-c3hc4(HMM:2.9e-06) |
| 5248 | 103753_1.R1011.f2 | zf-c3hc4(HMM:2.9e-11) |
| 5249 | 612_3.R1011.f3 | zf-c3hc4(HMM:2.9e-11) |
| 5250 | 55104_1.R1011.f3 | zf-c3hc4(HMM:2e-07) |
| 5251 | LIB3159-015-Q1-K1-F8.f2 | zf-c3hc4(HMM:2e-11) |
| 5252 | 13931_1.R1011.f1 | zf-c3hc4(HMM:3.1e-07) |
| 5253 | 13931_2.R1011.f2 | zf-c3hc4(HMM:3.1e-07) |
| 5254 | 10054_1.R1011.f3 | zf-c3hc4(HMM:3.1e-08) |
| 5255 | 14102_1.R1011.f2 | zf-c3hc4(HMM:3.1e-09) |
| 5256 | 35482_1.R1011.f2 | zf-c3hc4(HMM:3.2e-06) |
| 5257 | 134535_1.R1011.f1 | zf-c3hc4(HMM:3.2e-07) |
| 5258 | ymt700221258.h1.f1 | zf-c3hc4(HMM:3.2e-07) |
| 5259 | 1226_1.R1011.f2 | zf-c3hc4(HMM:3.2e-10) |
| 5260 | 84080_1.R1011.f3 | zf-c3hc4(HMM:3.2e-10) |
| 5261 | 135_1.R1011.f3 | zf-c3hc4(HMM:3.3e-09) |
| 5262 | 35908_1.R1011.f1 | zf-c3hc4(HMM:3.3e-09) |
| 5263 | 97413_1.R1011.f1 | zf-c3hc4(HMM:3.3e-09) |
| 5264 | 15090_1.R1011.f3 | zf-c3hc4(HMM:3.3e-12) |
| 5265 | 15090_2.R1011.f1 | zf-c3hc4(HMM:3.3e-12) |
| 5266 | 96979_1.R1011.f2 | zf-c3hc4(HMM:3.3e-12) |
| 5267 | xyt700345248.h1.f1 | zf-c3hc4(HMM:3.3e-12) |
| 5268 | 42445_1.R1011.f3 | zf-c3hc4(HMM:3.4e-08) |
| 5269 | 43769_1.R1011.f2 | zf-c3hc4(HMM:3.4e-08) |
| 5270 | uer700577343.h1.f3 | zf-c3hc4(HMM:3.6e-09) |
| 5271 | 10179_1.R1011.f3 | zf-c3hc4(HMM:3.7e-07) |
| 5272 | 179_1.R1011.f3 | zf-c3hc4(HMM:3.7e-07) |
| 5273 | 59363_1.R1011.f3 | zf-c3hc4(HMM:3.7e-09) |
| 5274 | 108386_1.R1011.f1 | zf-c3hc4(HMM:3.9e-12) |
| 5275 | 86845_1.R1011.f3 | zf-c3hc4(HMM:3e-07) |
| 5276 | 18194_2.R1011.f3 | zf-c3hc4(HMM:3e-10) |
| 5277 | 48821_1.R1011.f1 | zf-c3hc4(HMM:4.2e-13) |
| 5278 | uC-zmroB73070d02b1.f1 | zf-c3hc4(HMM:4.3e-05) |
| 5279 | 14776_4.R1011.f3 | zf-c3hc4(HMM:4.6) |
| 5280 | uC-zmflmol17201c12b1.f1 | zf-c3hc4(HMM:4.8e-10) |
| 5281 | 81053_1.R1011.f1 | zf-c3hc4(HMM:4.8e-12) |
| 5282 | 121445_1.R1011.f1 | zf-c3hc4(HMM:4.8e-13) |
| 5283 | 36446_1.R1011.f3 | zf-c3hc4(HMM:4.9e-07) |
| 5284 | 154700_1.R1011.f2 | zf-c3hc4(HMM:4e-11) |
| 5285 | 27570_1.R1011.f4 | zf-c3hc4(HMM:4e-11) |
| 5286 | 54870_1.R1011.f3 | zf-c3hc4(HMM:5.1e-06) |

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| 5287 | wyr700243466.h1.f3 | zf-c3hc4(HMM:5.1e-10) |
| 5288 | uC-zmflmo17169g10a1.f2 | zf-c3hc4(HMM:5.2e-05) |
| 5289 | afb700381752.h1.f3 | zf-c3hc4(HMM:5.4) |
| 5290 | 11629_1.R1011.f3 | zf-c3hc4(HMM:5.4e-11) |
| 5291 | 34793_1.R1011.f3 | zf-c3hc4(HMM:5.5e-10) |
| 5292 | 12379_1.R1011.f3 | zf-c3hc4(HMM:5.6e-05) |
| 5293 | 12405_1.R1011.f1 | zf-c3hc4(HMM:5.6e-07) |
| 5294 | 160504_1.R1011.f5 | zf-c3hc4(HMM:5.8e-05) |
| 5295 | g5499490.f4 | zf-c3hc4(HMM:5.9e-13) |
| 5296 | uC-zmflb73416a03a1.f4 | zf-c3hc4(HMM:5e-05) |
| 5297 | 15315_1.R1011.f1 | zf-c3hc4(HMM:5e-10) |
| 5298 | uC-zmflmo17125g04b1.f1 | zf-c3hc4(HMM:6) |
| 5299 | 165281_1.R1011.f6 | zf-c3hc4(HMM:6.1e-10) |
| 5300 | 7605_1.R1011.f1 | zf-c3hc4(HMM:6.2e-05) |
| 5301 | uC-zmflb73349g12a2.f2 | zf-c3hc4(HMM:6.2e-05) |
| 5302 | 156153_1.R1011.f4 | zf-c3hc4(HMM:6.6e-09) |
| 5303 | 192_1.R1011.f3 | zf-c3hc4(HMM:6.9e-12) |
| 5304 | 81913_1.R1011.f2 | zf-c3hc4(HMM:6e-10) |
| 5305 | LIB148-043-Q1-E1-F4.f4 | zf-c3hc4(HMM:6e-11) |
| 5306 | 87354_1.R1011.f2 | zf-c3hc4(HMM:6e-12) |
| 5307 | 234606_1.R1011.f1 | zf-c3hc4(HMM:7.2e-07) |
| 5308 | 18194_1.R1011.f1 | zf-c3hc4(HMM:7.2e-11) |
| 5309 | fC-zmro700830687d1.f6 | zf-c3hc4(HMM:7.2e-11) |
| 5310 | 45085_2.R1011.f1 | zf-c3hc4(HMM:7.3e-09) |
| 5311 | tfd700572139.h1.f1 | zf-c3hc4(HMM:7.5) |
| 5312 | LIB3066-035-Q1-K1-F7.f2 | zf-c3hc4(HMM:7.6e-08) |
| 5313 | LIB3062-024-Q1-K1-H9.f2 | zf-c3hc4(HMM:7.7) |
| 5314 | 24170_1.R1011.f5 | zf-c3hc4(HMM:7.7e-09) |
| 5315 | 46930_1.R1011.f2 | zf-c3hc4(HMM:7.7e-11) |
| 5316 | 168837_1.R1011.f5 | zf-c3hc4(HMM:7e-13) |
| 5317 | LIB3067-045-Q1-K1-D1.f3 | zf-c3hc4(HMM:8.2e-10) |
| 5318 | rvt700549916.h1.f1 | zf-c3hc4(HMM:8.2e-10) |
| 5319 | 83740_1.R1011.f1 | zf-c3hc4(HMM:8.4e-11) |
| 5320 | 61691_1.R1011.f2 | zf-c3hc4(HMM:8.5e-06) |
| 5321 | 5889_5.R1011.f2 | zf-c3hc4(HMM:8.5e-10) |
| 5322 | 14670_1.R1011.f3 | zf-c3hc4(HMM:8.7e-12) |
| 5323 | 22644_1.R1011.f2 | zf-c3hc4(HMM:8.8e-05) |
| 5324 | 124447_1.R1011.f1 | zf-c3hc4(HMM:8e-08) |
| 5325 | 66159_1.R1011.f1 | zf-c3hc4(HMM:9.5e-10) |
| 5326 | LIB36-009-Q1-E1-D11.f1 | zf-c3hc4(HMM:9.6e-11) |
| 5327 | 74958_1.R1011.f3 | zf-c3hc4(HMM:9.8e-05) |
| 5328 | uC-zmflmo17313f11b1.f1 | zf-c3hc4(HMM:9.9e-05) |
| 5329 | 179_2.R1011.f3 | zf-c3hc4(HMM:9e-08) |
| 5330 | 46477_1.R1011.f3 | zf-c3hc4(HMM:9e-09) |
| 5331 | 72105_1.R1011.f3 | zf-ccch(HMM:0.00014) |
| 5332 | gwl700617311.h1.f1 | zf-ccch(HMM:0.00049) |
| 5333 | 241_18.R1011.f2 | zf-ccch(HMM:0.00065) |
| 5334 | ceu700424071.h1.f2 | zf-ccch(HMM:0.00071) |
| 5335 | 192997_2.R1011.f5 | zf-ccch(HMM:0.0015) |
| 5336 | 241_14.R1011.f1 | zf-ccch(HMM:0.0044) |
| 5337 | 192997_1.R1011.f4 | zf-ccch(HMM:0.0047) |
| 5338 | 222263_1.R1011.f3 | zf-ccch(HMM:0.0055) |
| 5339 | uC-zmflmo17312g01b1.f3 | zf-ccch(HMM:0.0058) |
| 5340 | LIB3079-034-Q1-K1-B7.f2 | zf-ccch(HMM:0.011) |

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| 5341 | xmt700264760.h1.f1 | zf-ccch(HMM:0.011) |
| 5342 | uC-zmroteosinte031d02b1.f1 | zf-ccch(HMM:0.012) |
| 5343 | LIB143-015-Q1-E1-F10.f3 | zf-ccch(HMM:0.016) |
| 5344 | 669_38.R1011.f5 | zf-ccch(HMM:0.018) |
| 5345 | LIB3137-061-Q1-K1-C2.f3 | zf-ccch(HMM:0.019) |
| 5346 | 95888_1.R1011.f2 | zf-ccch(HMM:0.023) |
| 5347 | 11184_1.R1011.f2 | zf-ccch(HMM:0.028) |
| 5348 | pmx700082907.h1.f2 | zf-ccch(HMM:0.035) |
| 5349 | 4975_2.R1011.f2 | zf-ccch(HMM:0.08) |
| 5350 | 4975_4.R1011.f2 | zf-ccch(HMM:0.08) |
| 5351 | 4975_5.R1011.f1 | zf-ccch(HMM:0.08) |
| 5352 | LIB3060-017-Q1-K1-C3.f2 | zf-ccch(HMM:0.08) |
| 5353 | LIB3159-018-Q1-K1-F2.f3 | zf-ccch(HMM:0.098) |
| 5354 | LIB3066-019-Q1-K1-A5.f1 | zf-ccch(HMM:0.12) |
| 5355 | 241_32.R1011.f3 | zf-ccch(HMM:0.13) |
| 5356 | LIB3076-015-Q1-K1-B7.f3 | zf-ccch(HMM:0.15) |
| 5357 | uwc700155036.h1.f3 | zf-ccch(HMM:0.18) |
| 5358 | xjt700093378.h1.f3 | zf-ccch(HMM:0.2) |
| 5359 | 305434_1.R1011.f2 | zf-ccch(HMM:1.1) |
| 5360 | 85058_1.R1011.f1 | zf-ccch(HMM:1.1e-06) |
| 5361 | 241_9.R1011.f3 | zf-ccch(HMM:1.1e-19) |
| 5362 | LIB3150-054-Q1-N1-G6.f3 | zf-ccch(HMM:1.3e-05) |
| 5363 | 241_24.R1011.f3 | zf-ccch(HMM:1.4e-08) |
| 5364 | 43689_2.R1011.f2 | zf-ccch(HMM:1.4e-08) |
| 5365 | 45198_1.R1011.f2 | zf-ccch(HMM:1.6e-12) |
| 5366 | 124725_1.R1011.f1 | zf-ccch(HMM:1.7e-07) |
| 5367 | 171242_1.R1011.f2 | zf-ccch(HMM:1.8e-07) |
| 5368 | 39072_2.R1011.f2 | zf-ccch(HMM:1e-05) |
| 5369 | g4621377.f6 | zf-ccch(HMM:1e-08) |
| 5370 | 108766_1.R1011.f2 | zf-ccch(HMM:2.2e-05) |
| 5371 | 100614_1.R1011.f1 | zf-ccch(HMM:2.4e-06) |
| 5372 | wen700331895.h1.f3 | zf-ccch(HMM:2.6e-09) |
| 5373 | 39045_1.R1011.f1 | zf-ccch(HMM:2.6e-10) |
| 5374 | 10942_1.R1011.f2 | zf-ccch(HMM:2.8e-08) |
| 5375 | tfd700570940.h1.f2 | zf-ccch(HMM:2.9) |
| 5376 | uC-zmflmo17212f08a1.f5 | zf-ccch(HMM:2.9e-19) |
| 5377 | 241_46.R1011.f2 | zf-ccch(HMM:2e-08) |
| 5378 | 43689_1.R1011.f1 | zf-ccch(HMM:3.2e-05) |
| 5379 | xsy700208053.h1.f1 | zf-ccch(HMM:3.7e-05) |
| 5380 | 669_4.R1011.f4 | zf-ccch(HMM:3.8e-08) |
| 5381 | 669_19.R1011.f6 | zf-ccch(HMM:4.2e-06) |
| 5382 | LIB3069-022-Q1-K1-E8.f3 | zf-ccch(HMM:4.2e-06) |
| 5383 | rvl700458624.h1.f3 | zf-ccch(HMM:4.2e-06) |
| 5384 | uC-zmflb73056f02b1.f2 | zf-ccch(HMM:4.2e-06) |
| 5385 | 39072_1.R1011.f2 | zf-ccch(HMM:4.3e-07) |
| 5386 | 67016_1.R1011.f1 | zf-ccch(HMM:6e-06) |
| 5387 | 46780_1.R1011.f5 | zf-cchc(HMM:0.00012) |
| 5388 | 1973_2.R1011.f3 | zf-cchc(HMM:0.00013) |
| 5389 | 15134_1.R1011.f3 | zf-cchc(HMM:0.00015) |
| 5390 | 15134_3.R1011.f3 | zf-cchc(HMM:0.00015) |
| 5391 | 1973_1.R1011.f1 | zf-cchc(HMM:0.00015) |
| 5392 | 21823_2.R1011.f2 | zf-cchc(HMM:0.00015) |
| 5393 | 198110_1.R1011.f6 | zf-cchc(HMM:0.00018) |
| 5394 | LIB148-057-Q1-E1-D4.f1 | zf-cchc(HMM:0.00021) |

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| 5395 | 5025_5.R1011.fl | zf-cchc(HMM:0.00022) |
| 5396 | 5025_4.R1011.f3 | zf-cchc(HMM:0.00023) |
| 5397 | 14488_1.R1011.f3 | zf-cchc(HMM:0.00034) |
| 5398 | 1470_4.R1011.f2 | zf-cchc(HMM:0.00038) |
| 5399 | LIB3059-057-Q1-K1-G9.f2 | zf-cchc(HMM:0.00043) |
| 5400 | 5025_1.R1011.f3 | zf-cchc(HMM:0.00044) |
| 5401 | g5525748.fl | zf-cchc(HMM:0.00067) |
| 5402 | g5108105.f6 | zf-cchc(HMM:0.0029) |
| 5403 | LIB3079-025-Q1-K1-D3.fl | zf-cchc(HMM:0.0037) |
| 5404 | nbm700475724.h1.f2 | zf-cchc(HMM:0.005) |
| 5405 | 228532_1.R1011.f3 | zf-cchc(HMM:0.014) |
| 5406 | 209389_1.R1011.f3 | zf-cchc(HMM:0.015) |
| 5407 | uC-zmflmo17058c11b1.fl | zf-cchc(HMM:0.021) |
| 5408 | kem700612104.h1.f6 | zf-cchc(HMM:0.022) |
| 5409 | zla700380602.h1.f2 | zf-cchc(HMM:0.037) |
| 5410 | LIB3068-010-Q1-K1-C8.f6 | zf-cchc(HMM:0.041) |
| 5411 | g3341167.f5 | zf-cchc(HMM:0.075) |
| 5412 | afb700381773.h1.f3 | zf-cchc(HMM:0.13) |
| 5413 | 138078_1.R1011.fl | zf-cchc(HMM:1.2e-25) |
| 5414 | fdz701161114.h1.f3 | zf-cchc(HMM:1.3e-05) |
| 5415 | hbs701183301.h1.fl | zf-cchc(HMM:1.5e-05) |
| 5416 | gct701174387.h1.fl | zf-cchc(HMM:1.5e-08) |
| 5417 | 15380_1.R1011.f3 | zf-cchc(HMM:1.6e-34) |
| 5418 | 109815_1.R1011.fl | zf-cchc(HMM:1.8e-29) |
| 5419 | 1470_1.R1011.f2 | zf-cchc(HMM:1.9e-09) |
| 5420 | 3283_1.R1011.fl | zf-cchc(HMM:2.1e-25) |
| 5421 | 303232_1.R1011.f3 | zf-cchc(HMM:2.4e-05) |
| 5422 | 178_1.R1011.f2 | zf-cchc(HMM:2.5e-16) |
| 5423 | 185984_1.R1011.f4 | zf-cchc(HMM:2.6e-05) |
| 5424 | LIB3075-040-Q1-K1-D9.fl | zf-cchc(HMM:2.7e-16) |
| 5425 | 1470_2.R1011.f2 | zf-cchc(HMM:2e-09) |
| 5426 | 8129_1.R1011.f2 | zf-cchc(HMM:3.2e-47) |
| 5427 | 10584_1.R1011.fl | zf-cchc(HMM:3.9e-05) |
| 5428 | uC-zmroteosinte012g04b1.fl | zf-cchc(HMM:3e-08) |
| 5429 | nwy700448416.h1.fl | zf-cchc(HMM:4.2e-07) |
| 5430 | 5300_1.R1011.f3 | zf-cchc(HMM:4.5e-06) |
| 5431 | 15380_2.R1011.f2 | zf-cchc(HMM:4.8e-06) |
| 5432 | 119865_1.R1011.f5 | zf-cchc(HMM:4e-05) |
| 5433 | uC-zmflb73236d12b1.f3 | zf-cchc(HMM:5.2e-08) |
| 5434 | nbm700464657.h1.fl | zf-cchc(HMM:6.8e-17) |
| 5435 | 20468_1.R1011.f3 | zf-cchc(HMM:6e-06) |
| 5436 | xmt700259359.h1.f3 | zf-cchc(HMM:7.5e-05) |
| 5437 | fdz701163614.h1.fl | zf-cchc(HMM:7.8e-06) |
| 5438 | uC-zmroB73014a05b1.fl | zf-constans(HMM:0.00013) |
| 5439 | uC-zmflMo17063f08b1.fl | zf-constans(HMM:0.00038) |
| 5440 | xsy700209246.h1.f3 | zf-constans(HMM:0.0098) |
| 5441 | 40402_1.R1011.f2 | zf-constans(HMM:0.041) |
| 5442 | LIB143-024-Q1-E1-F4.f3 | zf-constans(HMM:0.16) |
| 5443 | 68636_1.R1011.f3 | zf-constans(HMM:0.18) |
| 5444 | 982_2.R1011.f3 | zf-constans(HMM:0.28) |
| 5445 | LIB3060-050-Q1-K1-B6.f3 | zf-constans(HMM:0.48) |
| 5446 | uC-zmflb73237g05b2.f3 | zf-constans(HMM:1.1e-10) |
| 5447 | 134910_1.R1011.f2 | zf-constans(HMM:1.1e-14) |
| 5448 | 107610_1.R1011.f3 | zf-constans(HMM:1.2e-16) |

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| 5449 | 8146_1.R1011.f3 | zf-constans(HMM:1.6e-38) |
| 5450 | 119960_1.R1011.f3 | zf-constans(HMM:2.1e-27) |
| 5451 | 106090_1.R1011.f1 | zf-constans(HMM:2.3e-19) |
| 5452 | LIB3136-058-Q1-K1-H11.f3 | zf-constans(HMM:2.5e-09) |
| 5453 | LIB189-006-Q1-E1-D9.f2 | zf-constans(HMM:2.5e-16) |
| 5454 | clt700041959.f1.f3 | zf-constans(HMM:2.6e-18) |
| 5455 | 18832_1.R1011.f1 | zf-constans(HMM:3.1e-06) |
| 5456 | LIB3066-002-Q1-K1-C3.f2 | zf-constans(HMM:3.2e-13) |
| 5457 | LIB3115-031-P1-K1-H5.f2 | zf-constans(HMM:3.2e-13) |
| 5458 | 8146_4.R1011.f3 | zf-constans(HMM:3.2e-39) |
| 5459 | 13038_2.R1011.f3 | zf-constans(HMM:3.7e-11) |
| 5460 | 123361_1.R1011.f2 | zf-constans(HMM:3.8e-16) |
| 5461 | 13038_1.R1011.f1 | zf-constans(HMM:3.9e-11) |
| 5462 | xsy700209575.h1.f3 | zf-constans(HMM:5.3e-17) |
| 5463 | 61071_1.R1011.f2 | zf-constans(HMM:5.5e-07) |
| 5464 | uC-zmflmo17101f11b1.f1 | zf-constans(HMM:5.8e-05) |
| 5465 | 64502_1.R1011.f2 | zf-constans(HMM:5.8e-32) |
| 5466 | uC-zmflb73181h07b1.f2 | zf-constans(HMM:6.1) |
| 5467 | LIB3136-044-P1-K1-A4.f3 | zf-constans(HMM:6.4e-11) |
| 5468 | 18330_1.R1011.f2 | zf-constans(HMM:7.1e-21) |
| 5469 | 14661_1.R1011.f3 | zf-mynd(HMM:1.4e-07) |
| 5470 | 965_30.R1011.f3 | zf-mynd(HMM:1.8e-05) |
| 5471 | 965_36.R1011.f1 | zf-mynd(HMM:2.5e-11) |
| 5472 | 224949_1.R1011.f2 | zf-mynd(HMM:9.6e-09) |
| 5473 | 88460_1.R1011.f1 | zf-nf-x1(HMM:0.073) |
| 5474 | wen700331933.h1.f1 | zf-nf-x1(HMM:0.82) |
| 5475 | LIB3067-037-Q1-K1-F12.f3 | zf-nf-x1(HMM:1.8e-05) |
| 5476 | 50287_1.R1011.f2 | zz(HMM:0.02) |
| 5477 | 5730_1.R1011.f1 | zz(HMM:2e-12) |
| 5478 | 2912_1.R1011.f2 | zz(HMM:6.4e-07) |

Table 5. Nucleic acid sequences encoding transcription factors from maize

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|-----------------------|-----------------------|
| 5479 | LIB189-022-Q1-E1-E2 | 14-3-3(HMM:0.00012) |
| 5480 | uC-zmflb73092h03b2 | 14-3-3(HMM:0.00024) |
| 5481 | LIB148-011-Q1-E1-B1 | 14-3-3(HMM:0.00066) |
| 5482 | LIB3075-054-Q1-K1-F10 | 14-3-3(HMM:0.0011) |
| 5483 | 594_8.R1011 | 14-3-3(HMM:0.0014) |
| 5484 | 9611_2.R1011 | 14-3-3(HMM:0.0019) |
| 5485 | LIB3156-010-Q1-K1-H2 | 14-3-3(HMM:0.0043) |
| 5486 | qmh700029541.fl | 14-3-3(HMM:0.0054) |
| 5487 | LIB3066-018-Q1-K1-C4 | 14-3-3(HMM:0.0076) |
| 5488 | 1410_4.R1011 | 14-3-3(HMM:0.014) |
| 5489 | LIB3152-012-P1-K1-D11 | 14-3-3(HMM:0.024) |
| 5490 | LIB3150-049-Q1-N1-C9 | 14-3-3(HMM:0.027) |
| 5491 | uC-zmflmo17127b07b1 | 14-3-3(HMM:0.18) |
| 5492 | LIB3079-008-Q1-K1-B7 | 14-3-3(HMM:1.1e-08) |
| 5493 | tfd700575123.h1 | 14-3-3(HMM:1.2) |
| 5494 | 594_2.R1011 | 14-3-3(HMM:1.4e-30) |
| 5495 | 566_1.R1011 | 14-3-3(HMM:1.4e-77) |
| 5496 | 566_3.R1011 | 14-3-3(HMM:1.5e-161) |
| 5497 | 566_9.R1011 | 14-3-3(HMM:1.5e-29) |
| 5498 | LIB3075-042-Q1-K1-C4 | 14-3-3(HMM:1.6e-11) |
| 5499 | 1410_3.R1011 | 14-3-3(HMM:1.7e-52) |
| 5500 | LIB3150-041-Q1-N1-A4 | 14-3-3(HMM:1.9) |
| 5501 | 731_4.R1011 | 14-3-3(HMM:1.9e-170) |
| 5502 | LIB3159-007-Q1-K1-E7 | 14-3-3(HMM:1e-20) |
| 5503 | LIB3075-002-Q1-K1-B12 | 14-3-3(HMM:2.1e-07) |
| 5504 | 1410_7.R1011 | 14-3-3(HMM:2.1e-16) |
| 5505 | wen700336508.h1 | 14-3-3(HMM:2.1e-16) |
| 5506 | 1410_1.R1011 | 14-3-3(HMM:2.2e-178) |
| 5507 | gct701175267.h1 | 14-3-3(HMM:2.3e-35) |
| 5508 | fC-zmro700834529r1 | 14-3-3(HMM:2.6e-06) |
| 5509 | 594_9.R1011 | 14-3-3(HMM:2.6e-13) |
| 5510 | LIB3137-033-Q1-K1-C6 | 14-3-3(HMM:2.8e-13) |
| 5511 | LIB3150-039-Q1-N1-D12 | 14-3-3(HMM:2.9e-06) |
| 5512 | LIB143-015-Q1-E1-B3 | 14-3-3(HMM:3) |
| 5513 | 10404_1.R1011 | 14-3-3(HMM:3.1e-125) |
| 5514 | fC-zmro700834529fl | 14-3-3(HMM:3.3e-05) |
| 5515 | uC-zmroB73028d12b1 | 14-3-3(HMM:3.5e-26) |
| 5516 | 594_3.R1011 | 14-3-3(HMM:3.7e-127) |
| 5517 | LIB3279-053-P1-K1-D2 | 14-3-3(HMM:3.8e-32) |
| 5518 | xjt700096581.h1 | 14-3-3(HMM:3e-30) |
| 5519 | xyt700343495.h1 | 14-3-3(HMM:4.1e-07) |
| 5520 | LIB3150-026-Q1-N1-F5 | 14-3-3(HMM:4.3e-07) |
| 5521 | LIB3180-012-P2-M1-C12 | 14-3-3(HMM:4.5e-11) |
| 5522 | LIB3066-020-Q1-K1-G3 | 14-3-3(HMM:4.6e-05) |
| 5523 | uC-zmflmo17280d02b1 | 14-3-3(HMM:4.7e-05) |
| 5524 | xtj700378323.h1 | 14-3-3(HMM:4.8e-07) |
| 5525 | LIB3180-017-P2-M1-F3 | 14-3-3(HMM:4.9e-17) |
| 5526 | 566_2.R1011 | 14-3-3(HMM:4e-176) |
| 5527 | LIB3059-008-Q1-K1-C8 | 14-3-3(HMM:5.1e-09) |
| 5528 | LIB3180-007-P2-M1-H1 | 14-3-3(HMM:5.2e-05) |
| 5529 | uC-zmflmo17269d08b1 | 14-3-3(HMM:5.3e-18) |
| 5530 | LIB3076-038-Q1-K1-E4 | 14-3-3(HMM:5.4e-12) |

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| 5531 | uC-zmflmo17269d09b1 | 14-3-3(HMM:5.4e-15) |
| 5532 | 594_1.R1011 | 14-3-3(HMM:5.4e-172) |
| 5533 | LIB3150-017-Q1-N1-B11 | 14-3-3(HMM:5.5e-06) |
| 5534 | 594_4.R1011 | 14-3-3(HMM:5.6e-39) |
| 5535 | 9611_1.R1011 | 14-3-3(HMM:5.6e-88) |
| 5536 | 159357_2.R1011 | 14-3-3(HMM:5.7e-05) |
| 5537 | xsy700213601.h1 | 14-3-3(HMM:5.9e-05) |
| 5538 | LIB189-013-Q1-E1-G10 | 14-3-3(HMM:5e-08) |
| 5539 | LIB3066-009-Q1-K1-A4 | 14-3-3(HMM:5e-09) |
| 5540 | LIB3076-026-Q1-K1-B8 | 14-3-3(HMM:6) |
| 5541 | LIB3066-042-Q1-K1-B8 | 14-3-3(HMM:6.1e-34) |
| 5542 | LIB3150-097-P1-N1-B9 | 14-3-3(HMM:6.4e-16) |
| 5543 | LIB3279-014-P1-K1-E9 | 14-3-3(HMM:6.6e-37) |
| 5544 | LIB84-028-Q1-E1-H8 | 14-3-3(HMM:6e-05) |
| 5545 | 566_13.R1011 | 14-3-3(HMM:7.2e-12) |
| 5546 | 566_22.R1011 | 14-3-3(HMM:7.2e-12) |
| 5547 | 1410_6.R1011 | 14-3-3(HMM:7.3e-19) |
| 5548 | uwc700153165.h1 | 14-3-3(HMM:7.4e-31) |
| 5549 | LIB3069-008-Q1-K1-A8 | 14-3-3(HMM:7.5e-25) |
| 5550 | 594_11.R1011 | 14-3-3(HMM:7.7e-10) |
| 5551 | uC-zmflb73008g02b1 | 14-3-3(HMM:8.4e-09) |
| 5552 | 731_8.R1011 | 14-3-3(HMM:8.6e-39) |
| 5553 | uC-zmflmo17248f03b1 | 14-3-3(HMM:8.8e-06) |
| 5554 | 1410_2.R1011 | 14-3-3(HMM:9.1e-113) |
| 5555 | uC-zmroB73017b10b1 | 14-3-3(HMM:9.8e-28) |
| 5556 | 159326_1.R1011 | ank(HMM:0.00011) |
| 5557 | LIB3115-030-P1-K1-C7 | ank(HMM:0.00041) |
| 5558 | pmx700086003.h1 | ank(HMM:0.00043) |
| 5559 | 141962_2.R1011 | ank(HMM:0.00055) |
| 5560 | 820_2.R1011 | ank(HMM:0.0013) |
| 5561 | uC-zmflmo17029f11b1 | ank(HMM:0.0031) |
| 5562 | pmx700082632.h1 | ank(HMM:0.01) |
| 5563 | 195040_2.R1011 | ank(HMM:0.011) |
| 5564 | dyk700102367.h1 | ank(HMM:0.018) |
| 5565 | nbn700469772.h1 | ank(HMM:0.021) |
| 5566 | 104576_1.R1011 | ank(HMM:0.028) |
| 5567 | 104308_1.R1011 | ank(HMM:0.037) |
| 5568 | uC-zmroteosinte018g09b1 | ank(HMM:0.047) |
| 5569 | wev700404933.h1 | ank(HMM:0.05) |
| 5570 | gct701171021.h1 | ank(HMM:0.054) |
| 5571 | g5740576 | ank(HMM:0.072) |
| 5572 | 1726_1.R1011 | ank(HMM:0.085) |
| 5573 | yyf700348691.h1 | ank(HMM:0.14) |
| 5574 | 36318_1.R1011 | ank(HMM:0.15) |
| 5575 | 11747_1.R1011 | ank(HMM:0.21) |
| 5576 | uC-zmflb73119g02b1 | ank(HMM:0.35) |
| 5577 | 45856_2.R1011 | ank(HMM:0.49) |
| 5578 | 68346_1.R1011 | ank(HMM:1.1e-05) |
| 5579 | 4075_1.R1011 | ank(HMM:1.1e-07) |
| 5580 | 11869_2.R1011 | ank(HMM:1.1e-40) |
| 5581 | 83366_1.R1011 | ank(HMM:1.2e-08) |
| 5582 | 64217_2.R1011 | ank(HMM:1.2e-15) |
| 5583 | 133011_2.R1011 | ank(HMM:1.3e-05) |
| 5584 | 410_1.R1011 | ank(HMM:1.3e-13) |

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| 5585 | 543_33.R1011 | ank(HMM:1.3e-16) |
| 5586 | 117287_1.R1011 | ank(HMM:1.4e-07) |
| 5587 | 133011_1.R1011 | ank(HMM:1.4e-07) |
| 5588 | 4893_1.R1011 | ank(HMM:1.4e-23) |
| 5589 | 109900_1.R1011 | ank(HMM:1.7e-08) |
| 5590 | LIB3150-043-Q1-N1-F3 | ank(HMM:1.7e-12) |
| 5591 | 182080_1.R1011 | ank(HMM:1.7e-19) |
| 5592 | xjt700093366.h1 | ank(HMM:1.8e-07) |
| 5593 | 182080_2.R1011 | ank(HMM:1.9e-21) |
| 5594 | 56561_1.R1011 | ank(HMM:1e-23) |
| 5595 | xjt700093477.h1 | ank(HMM:2.1e-18) |
| 5596 | 138593_1.R1011 | ank(HMM:2.2e-08) |
| 5597 | 40207_1.R1011 | ank(HMM:2.5e-11) |
| 5598 | 15021_2.R1011 | ank(HMM:2.6e-20) |
| 5599 | 2823_1.R1011 | ank(HMM:2.6e-21) |
| 5600 | 59015_1.R1011 | ank(HMM:2.6e-29) |
| 5601 | 153362_1.R1011 | ank(HMM:2.7e-32) |
| 5602 | 820_1.R1011 | ank(HMM:2.7e-33) |
| 5603 | 64217_1.R1011 | ank(HMM:2e-20) |
| 5604 | 35891_1.R1011 | ank(HMM:2e-26) |
| 5605 | 312551_1.R1011 | ank(HMM:2e-29) |
| 5606 | 237913_1.R1011 | ank(HMM:3.3e-05) |
| 5607 | 117462_1.R1011 | ank(HMM:3.5e-05) |
| 5608 | hbs701184147.h1 | ank(HMM:3.5e-11) |
| 5609 | uC-zmflb73093c09b2 | ank(HMM:3.6e-11) |
| 5610 | 148636_1.R1011 | ank(HMM:3.7e-07) |
| 5611 | 280157_1.R1011 | ank(HMM:3.7e-09) |
| 5612 | 135170_1.R1011 | ank(HMM:3.9) |
| 5613 | xsy700212143.h1 | ank(HMM:4.2e-06) |
| 5614 | 13225_1.R1011 | ank(HMM:4.2e-17) |
| 5615 | 11923_1.R1011 | ank(HMM:4.2e-19) |
| 5616 | 42370_1.R1011 | ank(HMM:4.3e-09) |
| 5617 | LIB3062-043-Q1-K1-G11 | ank(HMM:4.3e-15) |
| 5618 | 56078_1.R1011 | ank(HMM:4.4e-47) |
| 5619 | LIB3079-055-Q1-K1-A7 | ank(HMM:4.6e-05) |
| 5620 | LIB3150-064-P1-N1-E1 | ank(HMM:4.6e-11) |
| 5621 | 113335_1.R1011 | ank(HMM:4.8e-08) |
| 5622 | 12732_1.R1011 | ank(HMM:4e-37) |
| 5623 | uC-zmflb73349e02a2 | ank(HMM:5.3e-11) |
| 5624 | 23293_1.R1011 | ank(HMM:5.3e-36) |
| 5625 | xyt700344979.h1 | ank(HMM:5.4e-11) |
| 5626 | zla700380073.h1 | ank(HMM:5.5e-07) |
| 5627 | 141967_1.R1011 | ank(HMM:6.4e-32) |
| 5628 | 211171_1.R1011 | ank(HMM:6.7e-20) |
| 5629 | uC-zmflmol17339f04b1 | ank(HMM:6.8e-05) |
| 5630 | gwl700614359.h1 | ank(HMM:6e-15) |
| 5631 | 166006_1.R1011 | ank(HMM:7.7e-16) |
| 5632 | 130820_1.R1011 | ank(HMM:8.1e-07) |
| 5633 | 45856_1.R1011 | ank(HMM:8.3e-33) |
| 5634 | 2823_2.R1011 | ank(HMM:8.6e-13) |
| 5635 | uC-zmrob73012e01b1 | ank(HMM:8e-09) |
| 5636 | qmh700030596.fl | ap2-domain(HMM:0.00022) |
| 5637 | xmt700262211.h1 | ap2-domain(HMM:0.00024) |
| 5638 | uC-zmflmol17278e09b1 | ap2-domain(HMM:0.00025) |

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| 5639 | 153248_1.R1011 | ap2-domain(HMM:0.00029) |
| 5640 | uC-zmroteosinte119c10b1 | ap2-domain(HMM:0.00029) |
| 5641 | LIB3075-022-Q1-K1-A3 | ap2-domain(HMM:0.00032) |
| 5642 | LIB3150-014-Q1-N1-B12 | ap2-domain(HMM:0.00038) |
| 5643 | rvl700458374.h1 | ap2-domain(HMM:0.0027) |
| 5644 | LIB3062-027-Q1-K1-B1 | ap2-domain(HMM:0.0031) |
| 5645 | hbs701183475.h1 | ap2-domain(HMM:0.0033) |
| 5646 | g5499545 | ap2-domain(HMM:0.0037) |
| 5647 | 122701_2.R1011 | ap2-domain(HMM:0.0062) |
| 5648 | LIB3076-043-Q1-K1-H9 | ap2-domain(HMM:0.0085) |
| 5649 | qmh700029224.f1 | ap2-domain(HMM:0.009) |
| 5650 | LIB3150-014-Q1-N1-B11 | ap2-domain(HMM:0.0091) |
| 5651 | 56107_1.R1011 | ap2-domain(HMM:0.015) |
| 5652 | 7011_1.R1011 | ap2-domain(HMM:0.015) |
| 5653 | 354982_1.R1011 | ap2-domain(HMM:0.045) |
| 5654 | uC-zmflmo17132f01a1 | ap2-domain(HMM:0.053) |
| 5655 | 105425_1.R1011 | ap2-domain(HMM:0.21) |
| 5656 | LIB3150-034-Q1-N1-F5 | ap2-domain(HMM:0.21) |
| 5657 | LIB3279-060-P1-K1-B2 | ap2-domain(HMM:0.78) |
| 5658 | kem700610879.h1 | ap2-domain(HMM:0.89) |
| 5659 | LIB3078-051-Q1-K1-C6 | ap2-domain(HMM:1.1) |
| 5660 | LIB3066-002-Q1-K1-E6 | ap2-domain(HMM:1.1e-27) |
| 5661 | LIB143-064-Q1-E1-H9 | ap2-domain(HMM:1.2e-09) |
| 5662 | 115159_1.R1011 | ap2-domain(HMM:1.2e-12) |
| 5663 | 14954_2.R1011 | ap2-domain(HMM:1.2e-33) |
| 5664 | 57898_1.R1011 | ap2-domain(HMM:1.4e-15) |
| 5665 | pmx700086814.h1 | ap2-domain(HMM:1.4e-18) |
| 5666 | LIB83-014-Q1-E1-E11 | ap2-domain(HMM:1.4e-30) |
| 5667 | LIB84-013-Q1-E1-H4 | ap2-domain(HMM:1.4e-32) |
| 5668 | LIB3115-032-P1-K1-F11 | ap2-domain(HMM:1.5e-31) |
| 5669 | 94442_1.R1011 | ap2-domain(HMM:1.5e-34) |
| 5670 | fC-zmst700620948a1 | ap2-domain(HMM:1.6e-26) |
| 5671 | uC-zmflmo17073g07b1 | ap2-domain(HMM:1.8e-27) |
| 5672 | 151326_1.R1011 | ap2-domain(HMM:1.8e-36) |
| 5673 | 18554_1.R1011 | ap2-domain(HMM:1.8e-36) |
| 5674 | 11285_1.R1011 | ap2-domain(HMM:1.9e-29) |
| 5675 | uwc700156315.h1 | ap2-domain(HMM:1e-10) |
| 5676 | 19862_2.R1011 | ap2-domain(HMM:1e-32) |
| 5677 | uC-zmflmo17067g09b1 | ap2-domain(HMM:2.1e-06) |
| 5678 | 1134_1.R1011 | ap2-domain(HMM:2.1e-68) |
| 5679 | 69375_1.R1011 | ap2-domain(HMM:2.2e-20) |
| 5680 | LIB3279-008-P1-K1-H11 | ap2-domain(HMM:2.3) |
| 5681 | 1015_1.R1011 | ap2-domain(HMM:2.4e-66) |
| 5682 | uC-zmflm017207f07b1 | ap2-domain(HMM:2.5e-36) |
| 5683 | 18_1.R1011 | ap2-domain(HMM:2.5e-38) |
| 5684 | 21410_1.R1011 | ap2-domain(HMM:2.7e-39) |
| 5685 | LIB3062-015-Q1-K1-F11 | ap2-domain(HMM:2.7e-40) |
| 5686 | LIB3066-002-Q1-K1-D7 | ap2-domain(HMM:2.9e-09) |
| 5687 | LIB3066-025-Q1-K1-D10 | ap2-domain(HMM:2e-36) |
| 5688 | LIB3279-060-P1-K1-B7 | ap2-domain(HMM:3.1e-11) |
| 5689 | 13324_1.R1011 | ap2-domain(HMM:3.1e-27) |
| 5690 | 47138_1.R1011 | ap2-domain(HMM:3.3) |
| 5691 | LIB3062-046-Q1-K1-B1 | ap2-domain(HMM:3.4e-19) |
| 5692 | 91505_1.R1011 | ap2-domain(HMM:3.4e-26) |

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| 5693 | 19319_1.R1011 | ap2-domain(HMM:3.5e-09) |
| 5694 | fC-zmst700623908a1 | ap2-domain(HMM:3.5e-48) |
| 5695 | 18_5.R1011 | ap2-domain(HMM:3.7) |
| 5696 | uC-zmflMo17092h11b1 | ap2-domain(HMM:3.7e-05) |
| 5697 | 282965_1.R1011 | ap2-domain(HMM:3.7e-36) |
| 5698 | 788_1.R1011 | ap2-domain(HMM:3.7e-62) |
| 5699 | tfd700573489.h2 | ap2-domain(HMM:3e-41) |
| 5700 | zla700380117.h1 | ap2-domain(HMM:4.1) |
| 5701 | 176781_1.R1011 | ap2-domain(HMM:4.1e-14) |
| 5702 | vux700161592.h1 | ap2-domain(HMM:4.2e-30) |
| 5703 | 1134_2.R1011 | ap2-domain(HMM:4.5e-56) |
| 5704 | 122701_1.R1011 | ap2-domain(HMM:4.6e-25) |
| 5705 | cjh700197716.h1 | ap2-domain(HMM:4.8e-37) |
| 5706 | LIB3062-042-Q1-K1-A4 | ap2-domain(HMM:5.1e-12) |
| 5707 | 369_1.R1011 | ap2-domain(HMM:5.1e-38) |
| 5708 | LIB3156-001-Q1-K1-H9 | ap2-domain(HMM:5.3e-26) |
| 5709 | 14954_1.R1011 | ap2-domain(HMM:5.4e-33) |
| 5710 | 42286_1.R1011 | ap2-domain(HMM:5.6e-37) |
| 5711 | LIB3137-013-Q1-K1-H10 | ap2-domain(HMM:7.2e-07) |
| 5712 | 173_1.R1011 | ap2-domain(HMM:7.2e-36) |
| 5713 | LIB3118-011-Q1-K1-B1 | ap2-domain(HMM:7.5e-38) |
| 5714 | 19862_1.R1011 | ap2-domain(HMM:8.3e-39) |
| 5715 | 154890_1.R1011 | ap2-domain(HMM:9.5e-42) |
| 5716 | 40836_1.R1011 | ap2-domain(HMM:9.6e-37) |
| 5717 | 22183_1.R1011 | ap2-domain(HMM:9.8e-12) |
| 5718 | 45015_1.R1011 | ap2-domain(HMM:9.8e-41) |
| 5719 | LIB3180-047-P2-G3 | arf(HMM:0.00018) |
| 5720 | 295090_1.R1011 | "arf(HMM:0.00071),b3(HMM:1.1e-05)" |
| 5721 | g5555419 | arf(HMM:0.0015) |
| 5722 | uwc700152959.h1 | "arf(HMM:0.0049),b3(HMM:2.2e-07)" |
| 5723 | uC-zmflb73175c11b1 | arf(HMM:0.01) |
| 5724 | 121418_1.R1011 | "arf(HMM:1.1e-48),b3(HMM:1.2e-20)" |
| 5725 | 123702_1.R1011 | "arf(HMM:1.1e-49),b3(HMM:4.7e-37)" |
| 5726 | 40180_2.R1011 | "arf(HMM:1.1e-81),b3(HMM:1.1e-43)" |
| 5727 | 35987_1.R1011 | "arf(HMM:1.2e-07),b3(HMM:0.0015)" |
| 5728 | 20840_1.R1011 | "arf(HMM:1.2e-18),b3(HMM:4.3e-28)" |
| 5729 | 59030_1.R1011 | arf(HMM:1.2e-19) |
| 5730 | 5125_1.R1011 | "arf(HMM:1.3e-14),b3(HMM:4.8e-08)" |
| 5731 | fdz701158984.h2 | "arf(HMM:1.3e-27),b3(HMM:0.085)" |
| 5732 | LIB3076-001-Q1-K1-D4 | arf(HMM:1.4e-08) |
| 5733 | rvt700552571.h1 | arf(HMM:1.4e-13) |
| 5734 | 6146_1.R1011 | "arf(HMM:1.4e-29),b3(HMM:4.7e-07),iaa(HMM:1.1e-36)" |
| 5735 | qmh700028591.f1 | "arf(HMM:1.6),b3(HMM:0.0006 |

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| 5736 | gw1700613433.h1 | 4)" |
| 5737 | 296401_1.R1011 | arf(HMM:1.6e-17) |
| 5738 | LIB3068-003-Q1-K1-F5 | arf(HMM:1.7e-09) |
| | | "arf(HMM:1.7e-12),b3(HMM:0.00011)" |
| 5739 | 90938_1.R1011 | "arf(HMM:1.7e-15),iaa(HMM:3e-37)" |
| 5740 | LIB3060-022-Q1-K1-E5 | arf(HMM:1.9e-25) |
| 5741 | uC-zmflmo17050f03b2 | arf(HMM:2.2e-10) |
| 5742 | pmx700088108.h1 | "arf(HMM:2.3e-10),b3(HMM:2e-24)" |
| 5743 | LIB3069-017-Q1-K1-C5 | "arf(HMM:2.5e-07),b3(HMM:4.2e-19)" |
| 5744 | 36737_1.R1011 | arf(HMM:2.9e-17) |
| 5745 | xmt700260445.h1 | arf(HMM:3.1e-15) |
| 5746 | pmx700087165.h1 | "arf(HMM:3.2e-19),b3(HMM:3.8e-08)" |
| 5747 | 5832_1.R1011 | "arf(HMM:3.2e-21),b3(HMM:0.11)" |
| 5748 | 11840_1.R1011 | "arf(HMM:3.3e-83),b3(HMM:1.7e-16)" |
| 5749 | uC-zmrob73080h10b1 | arf(HMM:3.6e-05) |
| 5750 | 93228_1.R1011 | arf(HMM:3.9e-08) |
| 5751 | 45125_2.R1011 | arf(HMM:3.9e-33) |
| 5752 | 84957_1.R1011 | "arf(HMM:4.1e-226),b3(HMM:1.2e-53)" |
| 5753 | 167490_1.R1011 | "arf(HMM:4.1e-84),b3(HMM:5e-29)" |
| 5754 | uC-zmroteosinte011c06b1 | arf(HMM:4.4) |
| 5755 | 5206_1.R1011 | "arf(HMM:4.5e-15),iaa(HMM:7.3e-42)" |
| 5756 | 40180_1.R1011 | "arf(HMM:4.6e-18),b3(HMM:0.39)" |
| 5757 | ymt700219207.h1 | arf(HMM:4.8e-07) |
| 5758 | nbm700473253.h1 | "arf(HMM:5.5e-05),b3(HMM:1.4e-14)" |
| 5759 | 93230_1.R1011 | "arf(HMM:5.6e-42),b3(HMM:6.9e-05)" |
| 5760 | rvt700551414.h1 | arf(HMM:5.7e-22) |
| 5761 | xjt700096660.h1 | arf(HMM:5e-14) |
| 5762 | 14342_1.R1011 | "arf(HMM:6.5e-21),iaa(HMM:1.6e-35)" |
| 5763 | 118537_1.R1011 | "arf(HMM:6.9e-09),b3(HMM:0.00028)" |
| 5764 | xsy700212223.h1 | "arf(HMM:8.1),b3(HMM:2.2e-13)" |
| 5765 | uC-zmflmo17242d12b1 | arf(HMM:8.2e-11) |
| 5766 | 4856_1.R1011 | arf(HMM:8.5e-13) |
| 5767 | 136361_1.R1011 | arf(HMM:8.7e-15) |
| 5768 | 28373_1.R1011 | "arf(HMM:8.8e-05),b3(HMM:1.2e-14)" |
| 5769 | uC-zmflmo17187e06b1 | "arf(HMM:9.5e-13),b3(HMM:3.9e-34)" |
| 5770 | uC-zmflmo17020c04b1 | "arf(HMM:9.7e- |

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| 5771 | rvt700549405.h1 | 13),b3(HMM:1.2e-08)" "arf(HMM:9.9e-06),b3(HMM:7.9e-10)" |
| 5772 | 26695_1.R1011 | arid(HMM:0.012) |
| 5773 | pmx700085770.h1 | arid(HMM:0.067) |
| 5774 | 12446_1.R1011 | arid(HMM:5.8e-06) |
| 5775 | 61331_1.R1011 | "athook(HMM:0.067),linker_hist one(HMM:4.5e-18)" |
| 5776 | LIB3066-045-Q1-K1-G6 | b3(HMM:0.00014) |
| 5777 | cyk700051980.fl | b3(HMM:0.0022) |
| 5778 | 61168_1.R1011 | b3(HMM:1.2e-62) |
| 5779 | 64730_3.R1011 | b3(HMM:1.8e-17) |
| 5780 | 138382_1.R1011 | b3(HMM:1.9e-47) |
| 5781 | uC-zmflmo17150d04b1 | b3(HMM:2.6e-13) |
| 5782 | g2437851 | b3(HMM:3.8e-11) |
| 5783 | 112988_1.R1011 | b3(HMM:3e-06) |
| 5784 | 595_1.R1011 | b3(HMM:4.4e-72) |
| 5785 | uC-zmroteosinte109f10b3 | b3(HMM:5.5e-08) |
| 5786 | 64730_1.R1011 | b3(HMM:8e-34) |
| 5787 | 155104_1.R1011 | b3(HMM:9.8e-39) |
| 5788 | LIB3069-031-Q1-K1-A4 | bah(HMM:0.00023) |
| 5789 | 12258_2.R1011 | "bah(HMM:0.0018),phd(HMM:7 .7e-11)" |
| 5790 | 122916_1.R1011 | bah(HMM:0.01) |
| 5791 | 12258_1.R1011 | "bah(HMM:1.3e-34),phd(HMM:4.9e-10)" |
| 5792 | 20651_1.R1011 | "bah(HMM:1.6e-17),phd(HMM:2.6e-06)" |
| 5793 | 4802_1.R1011 | "bah(HMM:1.7e-36),phd(HMM:9e-13)" |
| 5794 | uC-zmflmo17280e09b1 | bah(HMM:1.9e-09) |
| 5795 | 189689_1.R1011 | bah(HMM:1e-09) |
| 5796 | 139677_1.R1011 | bah(HMM:1e-26) |
| 5797 | uC-zmroB73015h11b1 | "bah(HMM:2.6e-30),phd(HMM:0.0085)" |
| 5798 | uC-zmflb73057c03a2 | bah(HMM:5.1e-05) |
| 5799 | 14941_2.R1011 | "bah(HMM:7.5e-24),phd(HMM:6.3e-08)" |
| 5800 | 67623_1.R1011 | bah(HMM:8.8e-07) |
| 5801 | 774_1.R1011 | bpf-1(HMM:0) |
| 5802 | 774_2.R1011 | bpf-1(HMM:0) |
| 5803 | uC-zmflb73318h08b1 | bpf-1(HMM:3.3e-12) |
| 5804 | uC-zmflb73193b04b1 | bpf-1(HMM:4.2e-12) |
| 5805 | LIB3066-049-Q1-K1-B3 | bpf-1(HMM:4.5e-32) |
| 5806 | uC-zmflmo17187a03b1 | bpf-1(HMM:5.2e-13) |
| 5807 | LIB3279-059-P1-K1-C4 | bpf-1(HMM:7.7e-36) |
| 5808 | uC-zmflb73212e04a1 | bromodomain(HMM:0.00071) |
| 5809 | nbm700467939.h1 | bromodomain(HMM:0.0011) |
| 5810 | 77245_1.R1011 | bromodomain(HMM:0.0019) |
| 5811 | 76108_1.R1011 | bromodomain(HMM:0.082) |
| 5812 | ymt700223701.h1 | bromodomain(HMM:0.41) |
| 5813 | xjt700092623.h1 | bromodomain(HMM:0.55) |
| 5814 | 266593_1.R1011 | bromodomain(HMM:1.5e-09) |
| 5815 | 31955_1.R1011 | bromodomain(HMM:1.5e-19) |

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| 5816 | pmx700090964.h1 | bromodomain(HMM:2.8e-22) |
| 5817 | 45171_1.R1011 | bromodomain(HMM:4.7e-25) |
| 5818 | nwy700447086.h1 | bromodomain(HMM:5.4e-14) |
| 5819 | 77056_1.R1011 | bromodomain(HMM:5e-07) |
| 5820 | 66917_1.R1011 | bromodomain(HMM:6.1e-29) |
| 5821 | 6140_1.R1011 | bromodomain(HMM:6.2e-31) |
| 5822 | 58940_1.R1011 | bromodomain(HMM:6.4e-12) |
| 5823 | wen700334517.h1 | bromodomain(HMM:7.9) |
| 5824 | 12516_1.R1011 | bromodomain(HMM:9.5e-05) |
| 5825 | 77258_1.R1011 | bromodomain(HMM:9.8e-32) |
| 5826 | wen700332659.h1 | bromodomain(HMM:9e-31) |
| 5827 | pmx700090579.h1 | btb(HMM:0.00013) |
| 5828 | uC-zmflmo17309d06b1 | btb(HMM:0.00014) |
| 5829 | 94638_1.R1011 | btb(HMM:0.00028) |
| 5830 | 12580_1.R1011 | btb(HMM:0.01) |
| 5831 | wyr700242203.h1 | btb(HMM:0.023) |
| 5832 | LIB148-012-Q1-E1-E4 | btb(HMM:0.039) |
| 5833 | 79402_1.R1011 | btb(HMM:0.083) |
| 5834 | 5427_2.R1011 | btb(HMM:0.18) |
| 5835 | 24283_1.R1011 | btb(HMM:1.2e-26) |
| 5836 | 67288_1.R1011 | btb(HMM:1.4) |
| 5837 | 46942_1.R1011 | btb(HMM:1.4e-28) |
| 5838 | 56570_1.R1011 | btb(HMM:1.5e-20) |
| 5839 | 136749_1.R1011 | btb(HMM:1.8e-08) |
| 5840 | 230586_1.R1011 | btb(HMM:1.8e-08) |
| 5841 | 36908_1.R1011 | btb(HMM:1.9e-20) |
| 5842 | vfk700404896.h1 | btb(HMM:1e-05) |
| 5843 | qmh700028765.fl | btb(HMM:3.5) |
| 5844 | LIB189-031-Q1-E1-F6 | btb(HMM:4.5e-17) |
| 5845 | 117075_1.R1011 | bzip(HMM:0.00045) |
| 5846 | 19767_2.R1011 | bzip(HMM:0.0012) |
| 5847 | g297019 | bzip(HMM:0.0019) |
| 5848 | 183787_1.R1011 | bzip(HMM:0.0021) |
| 5849 | 184_1.R1011 | bzip(HMM:0.0023) |
| 5850 | 19767_1.R1011 | bzip(HMM:0.0029) |
| 5851 | 796_1.R1011 | bzip(HMM:0.0036) |
| 5852 | 94067_1.R1011 | bzip(HMM:0.0037) |
| 5853 | LIB3078-008-Q1-K1-A8 | bzip(HMM:0.0046) |
| 5854 | 80936_1.R1011 | bzip(HMM:0.0058) |
| 5855 | 80936_3.R1011 | bzip(HMM:0.0058) |
| 5856 | 66094_2.R1011 | bzip(HMM:0.0073) |
| 5857 | fC-zmro700834891.fl | bzip(HMM:0.0084) |
| 5858 | 996_1.R1011 | bzip(HMM:0.0098) |
| 5859 | 36566_1.R1011 | bzip(HMM:0.011) |
| 5860 | uC-zmflb73142c04b1 | bzip(HMM:0.011) |
| 5861 | 2705_1.R1011 | bzip(HMM:0.014) |
| 5862 | 246805_1.R1011 | bzip(HMM:0.015) |
| 5863 | xsy700217015.h1 | bzip(HMM:0.031) |
| 5864 | 31891_1.R1011 | bzip(HMM:0.035) |
| 5865 | cyk700051876.fl | bzip(HMM:0.045) |
| 5866 | 80936_4.R1011 | bzip(HMM:0.053) |
| 5867 | 168_1.R1011 | bzip(HMM:0.074) |
| 5868 | 1894_3.R1011 | bzip(HMM:0.079) |
| 5869 | 16253_1.R1011 | bzip(HMM:0.11) |

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| 5870 | uC-zmflmo17113b02b1 | bzip(HMM:0.11) |
| 5871 | LIB83-001-Q1-E1-H6 | bzip(HMM:0.17) |
| 5872 | 26070_2.R1011 | bzip(HMM:0.23) |
| 5873 | xyt700343308.h1 | bzip(HMM:0.25) |
| 5874 | LIB3180-035-P2-M2-D10 | bzip(HMM:0.42) |
| 5875 | 80936_2.R1011 | bzip(HMM:1) |
| 5876 | LIB3156-017-Q1-K1-B12 | bzip(HMM:1.3) |
| 5877 | 9912_2.R1011 | bzip(HMM:1.3e-16) |
| 5878 | 6292_1.R1011 | bzip(HMM:1.4e-12) |
| 5879 | 65710_1.R1011 | bzip(HMM:1.4e-12) |
| 5880 | 66302_1.R1011 | bzip(HMM:1.5) |
| 5881 | 559_1.R1011 | bzip(HMM:1.5e-19) |
| 5882 | 559_2.R1011 | bzip(HMM:1.5e-19) |
| 5883 | 69626_1.R1011 | bzip(HMM:1.6e-21) |
| 5884 | 11877_1.R1011 | bzip(HMM:1.7) |
| 5885 | fC-zmro700807549a1 | bzip(HMM:1.7e-15) |
| 5886 | uC-zmflmo17240b07b1 | bzip(HMM:1.7e-16) |
| 5887 | uC-zmflmo17219e03b1 | bzip(HMM:1.8e-05) |
| 5888 | 174_1.R1011 | bzip(HMM:1e-06) |
| 5889 | LIB3067-002-Q1-K1-D4 | bzip(HMM:1e-08) |
| 5890 | 76804_1.R1011 | bzip(HMM:1e-09) |
| 5891 | 35221_3.R1011 | bzip(HMM:2.1e-12) |
| 5892 | 19923_1.R1011 | bzip(HMM:2.1e-15) |
| 5893 | 30964_1.R1011 | bzip(HMM:2.2e-13) |
| 5894 | 3559_2.R1011 | bzip(HMM:2.3e-06) |
| 5895 | 875_1.R1011 | bzip(HMM:2.4e-21) |
| 5896 | LIB3136-025-Q1-K1-G3 | bzip(HMM:2.4e-21) |
| 5897 | 795_1.R1011 | bzip(HMM:2.6e-16) |
| 5898 | uC-zmroteosinte090c12b2 | bzip(HMM:2.9e-10) |
| 5899 | 11539_1.R1011 | bzip(HMM:2.9e-11) |
| 5900 | 149215_1.R1011 | bzip(HMM:2e-05) |
| 5901 | LIB3136-008-Q1-K1-F12 | bzip(HMM:2e-06) |
| 5902 | 62007_1.R1011 | bzip(HMM:2e-11) |
| 5903 | 548_1.R1011 | bzip(HMM:3e-17) |
| 5904 | 495_1.R1011 | bzip(HMM:4.5e-14) |
| 5905 | 13140_1.R1011 | bzip(HMM:4.9e-07) |
| 5906 | 80158_1.R1011 | bzip(HMM:5.1e-20) |
| 5907 | 66094_1.R1011 | bzip(HMM:5.3e-13) |
| 5908 | 93670_1.R1011 | bzip(HMM:5.4e-13) |
| 5909 | 93670_2.R1011 | bzip(HMM:5.4e-13) |
| 5910 | uC-zmflmo17086c07b1 | bzip(HMM:5.4e-21) |
| 5911 | uC-zmflmo17023a04b1 | bzip(HMM:5.8e-05) |
| 5912 | 12102_1.R1011 | bzip(HMM:6.6e-14) |
| 5913 | 91750_1.R1011 | bzip(HMM:6.8e-08) |
| 5914 | LIB3062-026-Q1-K1-D6 | bzip(HMM:6.9e-21) |
| 5915 | 171_1.R1011 | bzip(HMM:7.1e-21) |
| 5916 | qmh700028533.f1 | bzip(HMM:7.3e-18) |
| 5917 | 111526_1.R1011 | bzip(HMM:7.5e-12) |
| 5918 | 9912_1.R1011 | bzip(HMM:8.1e-17) |
| 5919 | 78927_1.R1011 | bzip(HMM:8.2) |
| 5920 | 495_2.R1011 | bzip(HMM:9.1e-15) |
| 5921 | uC-zmroteosinte106e02b2 | bzip(HMM:9.3e-15) |
| 5922 | 793_4.R1011 | cbfd_nfyb_hmf(HMM:0.00056) |
| 5923 | cyk700048913.f1 | cbfd_nfyb_hmf(HMM:0.0069) |

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| 5924 | 3683_1.R1011 | cbfd_nfyb_hmf(HMM:0.1) |
| 5925 | LIB3076-053-Q1-E1-F1 | cbfd_nfyb_hmf(HMM:1.1e-19) |
| 5926 | 8110_2.R1011 | cbfd_nfyb_hmf(HMM:1.5e-17) |
| 5927 | 793_1.R1011 | cbfd_nfyb_hmf(HMM:3.3e-37) |
| 5928 | LIB3066-048-Q1-K1-B3 | cbfd_nfyb_hmf(HMM:3.3e-37) |
| 5929 | uC-zmflb73001e01b1 | cbfd_nfyb_hmf(HMM:3.5e-06) |
| 5930 | 25618_1.R1011 | cbfd_nfyb_hmf(HMM:3.6e-27) |
| 5931 | 13043_1.R1011 | cbfd_nfyb_hmf(HMM:5.1e-29) |
| 5932 | LIB3059-019-Q1-K1-A3 | cbfd_nfyb_hmf(HMM:5.9e-23) |
| 5933 | 793_2.R1011 | cbfd_nfyb_hmf(HMM:5e-39) |
| 5934 | uwc700154561.h1 | cbfd_nfyb_hmf(HMM:6.4e-05) |
| 5935 | 8110_1.R1011 | cbfd_nfyb_hmf(HMM:6.8e-19) |
| 5936 | 15049_1.R1011 | cbfd_nfyb_hmf(HMM:6.9e-15) |
| 5937 | 793_3.R1011 | cbfd_nfyb_hmf(HMM:9.2e-38) |
| 5938 | g5108360 | chromo(HMM:0.016) |
| 5939 | wty700168802.h1 | chromo(HMM:0.02) |
| 5940 | 123177_1.R1011 | chromo(HMM:0.95) |
| 5941 | 65108_1.R1011 | chromo(HMM:2.3e-18) |
| 5942 | ceu700425120.h1 | chromo(HMM:3.9e-05) |
| 5943 | LIB3070-015-Q1-N1-A3 | csd(HMM:0.0019) |
| 5944 | uC-zmflmo17270b10b1 | "csd(HMM:1.1),zf-cchc(HMM:0.77)" |
| 5945 | LIB3137-035-Q1-K1-C7 | csd(HMM:1.1e-17) |
| 5946 | 22575_1.R1011 | "csd(HMM:2.8e-24),zf-cchc(HMM:7.5e-16)" |
| 5947 | LIB3180-013-P2-M1-D2 | csd(HMM:5.5e-12) |
| 5948 | 28942_1.R1011 | csd(HMM:5e-22) |
| 5949 | LIB3180-003-P2-M1-G12 | csd(HMM:8.3e-20) |
| 5950 | LIB3182-004-P2-M1-E8 | csd(HMM:9.8e-24) |
| 5951 | LIB3159-016-Q1-K1-C5 | dof(HMM:0.0053) |
| 5952 | 726_1.R1011 | dof(HMM:1.3e-34) |
| 5953 | 119611_1.R1011 | dof(HMM:1.3e-36) |
| 5954 | 76636_1.R1011 | dof(HMM:2.6e-35) |
| 5955 | uC-zmflmo17322b10b1 | dof(HMM:2.7e-35) |
| 5956 | 1164_1.R1011 | dof(HMM:2.8e-36) |
| 5957 | 348176_1.R1011 | dof(HMM:2.9e-05) |
| 5958 | uC-zmflmo17300d10b1 | dof(HMM:6.4e-12) |
| 5959 | 725_1.R1011 | dof(HMM:7e-32) |
| 5960 | 789_1.R1011 | dof(HMM:7e-33) |
| 5961 | 36684_1.R1011 | dof(HMM:8e-08) |
| 5962 | 83493_1.R1011 | dpb(HMM:0.00088) |
| 5963 | 7415_3.R1011 | dpb(HMM:0.0052) |
| 5964 | 109657_1.R1011 | dpb(HMM:0.012) |
| 5965 | 17195_2.R1011 | dpb(HMM:0.025) |
| 5966 | fxb700397533.h1 | dpb(HMM:0.059) |
| 5967 | 7415_2.R1011 | dpb(HMM:0.07) |
| 5968 | 42447_1.R1011 | dpb(HMM:1.4) |
| 5969 | 7415_4.R1011 | dpb(HMM:1.5e-05) |
| 5970 | 9825_2.R1011 | dpb(HMM:1e-06) |
| 5971 | 109498_1.R1011 | dpb(HMM:3.4e-05) |
| 5972 | uC-zmflb73098h12b1 | dpb(HMM:3.4e-07) |
| 5973 | LIB3137-040-Q1-K1-F12 | dpb(HMM:3.6e-16) |
| 5974 | 8830_1.R1011 | dpb(HMM:3.7e-52) |
| 5975 | 7415_1.R1011 | dpb(HMM:3.9e-74) |

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| 5976 | 7415_5.R1011 | dpb(HMM:4.5) |
| 5977 | 8830_2.R1011 | dpb(HMM:4.6e-17) |
| 5978 | 9825_1.R1011 | dpb(HMM:8.7e-10) |
| 5979 | uC-zmroteosinte053e10b2 | enbp(HMM:0.00091) |
| 5980 | 175089_1.R1011 | enbp(HMM:0.23) |
| 5981 | xyt700343159.h1 | enbp(HMM:1.4e-34) |
| 5982 | 4_3.R1011 | enbp(HMM:2.5e-05) |
| 5983 | 25860_1.R1011 | enbp(HMM:3.1e-26) |
| 5984 | uC-zmroteosinte038a09b1 | enbp(HMM:3e-08) |
| 5985 | g4646558 | enbp(HMM:3e-21) |
| 5986 | ceu700433052.h1 | enbp(HMM:4.4e-06) |
| 5987 | rvt700551738.h1 | enbp(HMM:4.4e-21) |
| 5988 | LIB3059-014-Q1-K1-D1 | enbp(HMM:4.6e-06) |
| 5989 | uC-zmflmo17300a10b1 | enbp(HMM:5.9e-21) |
| 5990 | 90700_1.R1011 | enbp(HMM:7.1e-15) |
| 5991 | LIB3115-030-P1-K1-C5 | enbp(HMM:9.7e-21) |
| 5992 | xyt700344683.h1 | gata(HMM:0.00021) |
| 5993 | 5422_1.R1011 | gata(HMM:0.0017) |
| 5994 | g5608102 | gata(HMM:0.024) |
| 5995 | 92655_1.R1011 | gata(HMM:1.2e-15) |
| 5996 | g5439296 | gata(HMM:1.6e-11) |
| 5997 | LIB3076-047-Q1-K1-G3 | gata(HMM:1.7e-07) |
| 5998 | LIB3136-044-P1-K1-H10 | gata(HMM:1.7e-15) |
| 5999 | uC-zmflb73054c10b1 | gata(HMM:1e-09) |
| 6000 | 1852_1.R1011 | gata(HMM:3e-06) |
| 6001 | 42120_1.R1011 | gata(HMM:4.3e-08) |
| 6002 | 42120_2.R1011 | gata(HMM:4.3e-08) |
| 6003 | 10646_1.R1011 | gata(HMM:4.5e-15) |
| 6004 | 362_1.R1011 | gata(HMM:4.9e-15) |
| 6005 | ypc700804682.h1 | gata(HMM:7.7e-06) |
| 6006 | LIB3180-020-P2-M1-D3 | gata(HMM:9.6e-15) |
| 6007 | uC-zmflb73173h01b1 | gld-tea(HMM:0.00013) |
| 6008 | dyk700105142.h1 | gld-tea(HMM:0.00036) |
| 6009 | 83829_1.R1011 | gld-tea(HMM:0.00063) |
| 6010 | uC-zmflb73199e11b1 | gld-tea(HMM:0.0042) |
| 6011 | LIB3070-013-Q1-N1-F11 | gld-tea(HMM:0.0067) |
| 6012 | LIB3150-031-Q1-N1-H9 | gld-tea(HMM:0.011) |
| 6013 | LIB3068-026-Q1-K1-C9 | "gld-tea(HMM:0.013),myb_dna-binding(HMM:1.5e-11)" |
| 6014 | wyr700239235.h1 | gld-tea(HMM:0.05) |
| 6015 | 56327_1.R1011 | gld-tea(HMM:0.087) |
| 6016 | 111218_2.R1011 | gld-tea(HMM:0.17) |
| 6017 | LIB3150-045-Q1-N1-E10 | gld-tea(HMM:0.33) |
| 6018 | 111218_1.R1011 | gld-tea(HMM:0.64) |
| 6019 | 11928_1.R1011 | gld-tea(HMM:1.2e-31) |
| 6020 | g5740668 | gld-tea(HMM:1.3e-29) |
| 6021 | 106032_1.R1011 | gld-tea(HMM:1.3e-30) |
| 6022 | 9580_1.R1011 | gld-tea(HMM:1.3e-36) |
| 6023 | uC-zmflb73195h02b1 | gld-tea(HMM:1.8) |
| 6024 | 9580_2.R1011 | gld-tea(HMM:1.8e-31) |
| 6025 | g5607837 | gld-tea(HMM:1e-28) |
| 6026 | 233343_1.R1011 | gld-tea(HMM:2.1e-17) |
| 6027 | 63245_1.R1011 | gld-tea(HMM:2.3e-19) |
| 6028 | LIB3136-049-Q1-K1-D5 | gld-tea(HMM:3.1e-31) |

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| 6029 | ypc700804994.h1 | gld-tea(HMM:3.1e-34) |
| 6030 | 22554_1.R1011 | gld-tea(HMM:4.2e-29) |
| 6031 | 127865_1.R1011 | gld-tea(HMM:4.4e-30) |
| 6032 | wen700332259.h1 | gld-tea(HMM:4.9e-07) |
| 6033 | wyr700239376.h1 | gld-tea(HMM:5.4e-27) |
| 6034 | LIB3088-004-Q1-K1-A4 | gld-tea(HMM:5.9e-12) |
| 6035 | 15271_1.R1011 | gld-tea(HMM:6.2e-24) |
| 6036 | yyf700349742.h1 | gld-tea(HMM:8.3) |
| 6037 | 117481_1.R1011 | gld-tea(HMM:9.1e-36) |
| 6038 | 12948_1.R1011 | hhh(HMM:3.6e-05) |
| 6039 | 1052_1.R1011 | hhh(HMM:3e-08) |
| 6040 | 1053_1.R1011 | hhh(HMM:9.2e-07) |
| 6041 | dyk700102440.h1 | hist_deacetyl(HMM:0.00015) |
| 6042 | uC-zmflmol17050g12b2 | hist_deacetyl(HMM:0.00038) |
| 6043 | LIB3152-001-Q1-K1-B2 | hist_deacetyl(HMM:1.1e-10) |
| 6044 | 30591_1.R1011 | hist_deacetyl(HMM:1.2e-146) |
| 6045 | ceu700432474.h1 | hist_deacetyl(HMM:1.3) |
| 6046 | 187025_1.R1011 | hist_deacetyl(HMM:1.8e-10) |
| 6047 | 200741_1.R1011 | hist_deacetyl(HMM:1e-10) |
| 6048 | 6786_1.R1011 | hist_deacetyl(HMM:1e-37) |
| 6049 | 1011_1.R1011 | hist_deacetyl(HMM:2.2e-160) |
| 6050 | 72749_1.R1011 | hist_deacetyl(HMM:2.8e-51) |
| 6051 | cyk700047402.fl | hist_deacetyl(HMM:3.5e-15) |
| 6052 | rvl700454171.h1 | hist_deacetyl(HMM:4.6e-11) |
| 6053 | 994_1.R1011 | hist_deacetyl(HMM:6e-181) |
| 6054 | 304250_1.R1011 | hist_deacetyl(HMM:8.9e-09) |
| 6055 | 3274_1.R1011 | hist_deacetyl(HMM:8.9e-123) |
| 6056 | LIB3150-049-Q1-N1-F11 | hist_deacetyl(HMM:8e-10) |
| 6057 | g4804054 | histone(HMM:0.00011) |
| 6058 | uwc700151004.h1 | histone(HMM:0.00017) |
| 6059 | LIB3150-071-P1-N1-E2 | histone(HMM:0.00023) |
| 6060 | xyt700343992.h1 | histone(HMM:0.00027) |
| 6061 | LIB3279-011-P1-K1-F2 | histone(HMM:0.00035) |
| 6062 | LIB3079-035-Q1-K1-D5 | histone(HMM:0.00045) |
| 6063 | LIB3070-005-Q1-N1-G9 | histone(HMM:0.0005) |
| 6064 | LIB3059-017-Q1-K1-H2 | histone(HMM:0.00058) |
| 6065 | LIB3067-018-Q1-K1-F2 | histone(HMM:0.00065) |
| 6066 | 286579_1.R1011 | histone(HMM:0.00069) |
| 6067 | LIB3150-075-P1-N1-G7 | histone(HMM:0.00077) |
| 6068 | cat700021823.r1 | histone(HMM:0.00083) |
| 6069 | 865_21.R1011 | histone(HMM:0.00084) |
| 6070 | yyf700348078.h1 | histone(HMM:0.00086) |
| 6071 | LIB3150-083-P2-N2-D11 | histone(HMM:0.00093) |
| 6072 | 292487_1.R1011 | histone(HMM:0.00099) |
| 6073 | cat700020406.r1 | histone(HMM:0.0013) |
| 6074 | LIB3068-026-Q1-K1-F8 | histone(HMM:0.0014) |
| 6075 | cjh700195179.h1 | histone(HMM:0.0014) |
| 6076 | uC-zmflb73177e01b1 | histone(HMM:0.002) |
| 6077 | g5688683 | histone(HMM:0.0024) |
| 6078 | dyk700104373.h1 | histone(HMM:0.0026) |
| 6079 | LIB3070-010-Q1-N1-H2 | histone(HMM:0.003) |
| 6080 | LIB3150-029-Q1-N1-H11 | histone(HMM:0.0032) |
| 6081 | LIB3088-050-Q1-K1-G10 | histone(HMM:0.0035) |
| 6082 | wen700333394.h1 | histone(HMM:0.0035) |

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| 6083 | LIB3150-078-P2-N2-D8 | histone(HMM:0.0037) |
| 6084 | pmx700085984.h1 | histone(HMM:0.0041) |
| 6085 | LIB3150-002-Q1-N1-C10 | histone(HMM:0.0045) |
| 6086 | LIB3067-004-Q1-K1-G12 | histone(HMM:0.005) |
| 6087 | ymt700219717.h1 | histone(HMM:0.005) |
| 6088 | g4630548 | histone(HMM:0.0052) |
| 6089 | yyf700349869.h1 | histone(HMM:0.0055) |
| 6090 | pmx700088257.h1 | histone(HMM:0.007) |
| 6091 | cyk700052421.fl | histone(HMM:0.0074) |
| 6092 | xjt700094901.h1 | histone(HMM:0.008) |
| 6093 | LIB3116-028-P1-K1-C8 | histone(HMM:0.0091) |
| 6094 | LIB3088-041-Q1-K1-D8 | histone(HMM:0.0097) |
| 6095 | LIB3078-019-Q1-K1-H11 | histone(HMM:0.016) |
| 6096 | gwl700612741.h1 | histone(HMM:0.016) |
| 6097 | LIB3088-044-Q1-K1-D2 | histone(HMM:0.017) |
| 6098 | LIB3279-054-P1-K1-D6 | histone(HMM:0.017) |
| 6099 | LIB3279-055-P1-K1-D2 | histone(HMM:0.017) |
| 6100 | LIB3150-050-Q1-N1-E6 | histone(HMM:0.018) |
| 6101 | LIB3158-017-Q1-K1-G9 | histone(HMM:0.018) |
| 6102 | LIB3088-044-Q1-K1-B10 | histone(HMM:0.02) |
| 6103 | rvt700553369.h1 | histone(HMM:0.022) |
| 6104 | uC-zmflb73032h09b1 | histone(HMM:0.022) |
| 6105 | 338_9.R1011 | histone(HMM:0.024) |
| 6106 | 95_13.R1011 | histone(HMM:0.025) |
| 6107 | LIB3070-014-Q1-N1-C4 | histone(HMM:0.028) |
| 6108 | LIB148-064-Q1-E1-B9 | histone(HMM:0.029) |
| 6109 | cat700019176.r1 | histone(HMM:0.031) |
| 6110 | 95_12.R1011 | histone(HMM:0.033) |
| 6111 | nbm700477309.h1 | histone(HMM:0.034) |
| 6112 | LIB3137-050-Q1-K1-B10 | histone(HMM:0.037) |
| 6113 | cat700019288.r1 | histone(HMM:0.042) |
| 6114 | pmx700089077.h1 | histone(HMM:0.056) |
| 6115 | LIB84-022-Q1-E1-D1 | histone(HMM:0.057) |
| 6116 | xmt700257966.h1 | histone(HMM:0.062) |
| 6117 | LIB3078-038-Q1-K1-B2 | histone(HMM:0.072) |
| 6118 | LIB143-057-Q1-E1-D9 | histone(HMM:0.074) |
| 6119 | LIB3279-014-P1-K1-D8 | histone(HMM:0.078) |
| 6120 | ckd700461156.h1 | histone(HMM:0.078) |
| 6121 | 95_9.R1011 | histone(HMM:0.1) |
| 6122 | vux700158357.h1 | histone(HMM:0.1) |
| 6123 | xjt700094748.h1 | histone(HMM:0.1) |
| 6124 | cat700020560.r1 | histone(HMM:0.11) |
| 6125 | dyk700103145.h1 | histone(HMM:0.12) |
| 6126 | LIB3067-008-Q1-K1-H9 | histone(HMM:0.13) |
| 6127 | wen700333417.h1 | histone(HMM:0.14) |
| 6128 | 95_22.R1011 | histone(HMM:0.17) |
| 6129 | LIB3076-019-Q1-K1-A2 | histone(HMM:0.17) |
| 6130 | LIB3150-081-P1-N1-G2 | histone(HMM:0.2) |
| 6131 | 95_17.R1011 | histone(HMM:0.27) |
| 6132 | LIB3059-054-Q1-K1-B5 | histone(HMM:0.3) |
| 6133 | qmh700027751.fl | histone(HMM:0.31) |
| 6134 | 666_1.R1011 | histone(HMM:0.37) |
| 6135 | LIB3279-011-P1-K1-H6 | histone(HMM:0.4) |
| 6136 | LIB3150-043-Q1-N1-C10 | histone(HMM:0.49) |

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| 6137 | LIB3070-004-Q1-N1-G12 | histone(HMM:0.5) |
| 6138 | LIB3088-044-Q1-K1-A3 | histone(HMM:0.85) |
| 6139 | 95_23.R1011 | histone(HMM:0.93) |
| 6140 | LIB3088-011-Q1-K1-G7 | histone(HMM:0.98) |
| 6141 | xyt700346501.h1 | histone(HMM:0.99) |
| 6142 | 757_37.R1011 | histone(HMM:1.1) |
| 6143 | ydl700405355.h1 | histone(HMM:1.1e-05) |
| 6144 | LIB3067-056-Q1-K1-F12 | histone(HMM:1.1e-07) |
| 6145 | LIB3150-054-Q1-N1-G11 | histone(HMM:1.1e-16) |
| 6146 | yyf700349182.h1 | histone(HMM:1.1e-16) |
| 6147 | LIB3088-042-Q1-K1-B9 | histone(HMM:1.1e-20) |
| 6148 | LIB3150-032-Q1-N1-G3 | histone(HMM:1.1e-30) |
| 6149 | g5268737 | histone(HMM:1.1e-37) |
| 6150 | 286749_1.R1011 | histone(HMM:1.1e-42) |
| 6151 | 757_11.R1011 | histone(HMM:1.1e-47) |
| 6152 | LIB3279-005-P1-K1-B7 | histone(HMM:1.2e-05) |
| 6153 | xyt700343350.h1 | histone(HMM:1.2e-08) |
| 6154 | rvl700454901.h1 | histone(HMM:1.2e-11) |
| 6155 | LIB3070-004-Q1-N1-E3 | histone(HMM:1.2e-13) |
| 6156 | g3341056 | histone(HMM:1.2e-13) |
| 6157 | LIB3150-052-Q1-N1-B2 | histone(HMM:1.2e-21) |
| 6158 | 865_3.R1011 | histone(HMM:1.2e-51) |
| 6159 | pmx700085523.h1 | histone(HMM:1.3e-06) |
| 6160 | wyr700244484.h1 | histone(HMM:1.3e-06) |
| 6161 | hvj700619851.h1 | histone(HMM:1.3e-08) |
| 6162 | LIB3076-046-Q1-K1-H11 | histone(HMM:1.3e-11) |
| 6163 | LIB3180-038-P2-M2-C6 | histone(HMM:1.3e-14) |
| 6164 | uC-zmflb73163d03a1 | histone(HMM:1.3e-26) |
| 6165 | 757_6.R1011 | histone(HMM:1.3e-45) |
| 6166 | uC-zmflb73359g07a2 | histone(HMM:1.4e-06) |
| 6167 | uwc700153036.h1 | histone(HMM:1.4e-07) |
| 6168 | mwy700442376.h1 | histone(HMM:1.4e-08) |
| 6169 | LIB3137-005-Q1-K1-B9 | histone(HMM:1.4e-11) |
| 6170 | uC-zmroteosinte099g08b2 | histone(HMM:1.4e-16) |
| 6171 | 1672_2.R1011 | histone(HMM:1.4e-43) |
| 6172 | LIB3076-042-Q1-K1-H11 | histone(HMM:1.5e-10) |
| 6173 | g3341140 | histone(HMM:1.5e-24) |
| 6174 | 338_13.R1011 | histone(HMM:1.5e-34) |
| 6175 | 16775_1.R1011 | histone(HMM:1.5e-49) |
| 6176 | 25582_1.R1011 | histone(HMM:1.5e-49) |
| 6177 | LIB3150-108-P2-K1-D1 | histone(HMM:1.6e-08) |
| 6178 | LIB3067-019-Q1-K1-C10 | "histone(HMM:1.6e-10),zf-nf-x1(HMM:1.1)" |
| 6179 | pmx700082311.h1 | histone(HMM:1.6e-11) |
| 6180 | LIB3070-012-Q1-N1-A8 | histone(HMM:1.6e-18) |
| 6181 | 757_8.R1011 | histone(HMM:1.6e-46) |
| 6182 | 865_1.R1011 | histone(HMM:1.6e-52) |
| 6183 | LIB143-037-Q1-E1-H1 | histone(HMM:1.7e-05) |
| 6184 | LIB3150-040-Q1-N1-A10 | histone(HMM:1.7e-05) |
| 6185 | ckd700461256.h1 | histone(HMM:1.7e-05) |
| 6186 | LIB3156-011-Q1-K1-C2 | histone(HMM:1.7e-06) |
| 6187 | 41834_1.R1011 | histone(HMM:1.7e-07) |
| 6188 | LIB3150-064-P1-N1-A5 | histone(HMM:1.7e-17) |
| 6189 | LIB3150-035-Q1-N1-E2 | histone(HMM:1.7e-30) |

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| 6190 | uC-zmroteosinte051e09b2 | histone(HMM:1.7e-46) |
| 6191 | 757_3.R1011 | histone(HMM:1.7e-47) |
| 6192 | xmt700256940.h1 | histone(HMM:1.8e-06) |
| 6193 | yyf700352343.h1 | histone(HMM:1.8e-14) |
| 6194 | uC-zmflb73306e04b1 | histone(HMM:1.8e-18) |
| 6195 | 865_10.R1011 | histone(HMM:1.8e-26) |
| 6196 | uC-zmroteosinte059e07b1 | histone(HMM:1.8e-32) |
| 6197 | 757_32.R1011 | histone(HMM:1.9e-06) |
| 6198 | pmx700083528.h1 | histone(HMM:1.9e-06) |
| 6199 | LIB3059-042-Q1-K1-F2 | histone(HMM:1.9e-08) |
| 6200 | LIB3067-014-Q1-K1-D10 | histone(HMM:1.9e-08) |
| 6201 | cat700021164.r1 | histone(HMM:1.9e-08) |
| 6202 | ymt700224008.h1 | histone(HMM:1.9e-13) |
| 6203 | LIB3150-016-Q1-N1-G3 | histone(HMM:1.9e-14) |
| 6204 | LIB3279-011-P1-K1-H2 | histone(HMM:1.9e-16) |
| 6205 | hvj700618938.h1 | histone(HMM:1.9e-17) |
| 6206 | g3341036 | histone(HMM:1.9e-41) |
| 6207 | g5268911 | histone(HMM:1.9e-46) |
| 6208 | xsy700214625.h1 | histone(HMM:1e-05) |
| 6209 | xsy700214976.h1 | histone(HMM:1e-07) |
| 6210 | 338_17.R1011 | histone(HMM:1e-10) |
| 6211 | LIB3088-046-Q1-K1-H2 | histone(HMM:1e-11) |
| 6212 | 338_12.R1011 | histone(HMM:1e-29) |
| 6213 | LIB3279-010-P1-K1-E6 | histone(HMM:1e-32) |
| 6214 | 15994_1.R1011 | histone(HMM:1e-49) |
| 6215 | wyr700235659.h1 | histone(HMM:2.1) |
| 6216 | 865_17.R1011 | histone(HMM:2.1e-10) |
| 6217 | LIB3062-034-Q1-K1-D11 | histone(HMM:2.1e-10) |
| 6218 | 338_2.R1011 | histone(HMM:2.1e-12) |
| 6219 | 338_4.R1011 | histone(HMM:2.1e-15) |
| 6220 | 757_46.R1011 | histone(HMM:2.1e-16) |
| 6221 | 95_6.R1011 | histone(HMM:2.1e-18) |
| 6222 | g3341043 | histone(HMM:2.1e-37) |
| 6223 | 865_6.R1011 | histone(HMM:2.1e-51) |
| 6224 | LIB3150-038-Q1-N1-C5 | histone(HMM:2.2e-07) |
| 6225 | xmt700257310.h1 | histone(HMM:2.2e-07) |
| 6226 | xyt700344851.h1 | histone(HMM:2.2e-07) |
| 6227 | 7649_2.R1011 | histone(HMM:2.2e-09) |
| 6228 | LIB3076-024-Q1-K1-B7 | histone(HMM:2.2e-43) |
| 6229 | 1792_2.R1011 | histone(HMM:2.2e-46) |
| 6230 | 757_17.R1011 | histone(HMM:2.2e-48) |
| 6231 | uer700584138.h1 | histone(HMM:2.3e-07) |
| 6232 | LIB3150-052-Q1-N1-G11 | histone(HMM:2.3e-12) |
| 6233 | 757_42.R1011 | histone(HMM:2.3e-40) |
| 6234 | qmh700029402.f1 | histone(HMM:2.4) |
| 6235 | LIB3069-011-Q1-K1-F6 | histone(HMM:2.4e-05) |
| 6236 | LIB3076-005-Q1-K1-D5 | histone(HMM:2.4e-07) |
| 6237 | LIB3079-036-Q1-K1-D4 | histone(HMM:2.4e-10) |
| 6238 | g4776119 | histone(HMM:2.4e-14) |
| 6239 | LIB3137-005-Q1-K1-G10 | histone(HMM:2.4e-19) |
| 6240 | 865_4.R1011 | histone(HMM:2.4e-50) |
| 6241 | 757_20.R1011 | histone(HMM:2.5e-07) |
| 6242 | LIB3067-042-Q1-K1-B11 | histone(HMM:2.5e-17) |
| 6243 | LIB3150-107-P1-N1-B4 | histone(HMM:2.5e-18) |

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| 6242 | LIB3137-016-Q1-K1-H12 | histone(HMM:2.6) |
| 6245 | 2026_7.R1011 | histone(HMM:2.6e-10) |
| 6246 | yyf700347416.h1 | histone(HMM:2.6e-20) |
| 6247 | 1792_1.R1011 | histone(HMM:2.6e-46) |
| 6248 | 338_3.R1011 | histone(HMM:2.6e-46) |
| 6249 | 338_7.R1011 | histone(HMM:2.6e-46) |
| 6250 | 8267_1.R1011 | histone(HMM:2.6e-46) |
| 6251 | LIB3153-005-Q1-K1-H1 | histone(HMM:2.7e-10) |
| 6252 | LIB143-049-Q1-E1-H1 | histone(HMM:2.7e-11) |
| 6253 | LIB3088-049-Q1-K1-A5 | histone(HMM:2.7e-14) |
| 6254 | 338_1.R1011 | histone(HMM:2.7e-45) |
| 6255 | 16775_2.R1011 | histone(HMM:2.7e-49) |
| 6256 | LIB3078-052-Q1-K1-H1 | histone(HMM:2.8e-09) |
| 6257 | LIB3150-013-Q1-N1-B10 | histone(HMM:2.8e-09) |
| 6258 | LIB36-021-Q1-E1-G2 | histone(HMM:2.8e-09) |
| 6259 | LIB3067-013-Q1-K1-B1 | histone(HMM:2.8e-10) |
| 6260 | LIB3069-049-Q1-K1-E1 | histone(HMM:2.8e-13) |
| 6261 | 757_15.R1011 | histone(HMM:2.8e-14) |
| 6262 | LIB3137-005-Q1-K1-A12 | histone(HMM:2.8e-23) |
| 6263 | 757_2.R1011 | histone(HMM:2.8e-46) |
| 6264 | LIB3279-059-P1-K1-H8 | histone(HMM:2.9e-06) |
| 6265 | cat700017931.r1 | histone(HMM:2e-06) |
| 6266 | LIB3067-001-Q1-K1-A4 | histone(HMM:2e-11) |
| 6267 | pwr700449415.h1 | histone(HMM:2e-11) |
| 6268 | uC-zmflB73006d03b1 | histone(HMM:2e-20) |
| 6269 | wty700164347.h1 | histone(HMM:3.1e-09) |
| 6270 | dyk700105350.h1 | histone(HMM:3.2e-06) |
| 6271 | cat700020669.r1 | histone(HMM:3.2e-07) |
| 6272 | 757_44.R1011 | histone(HMM:3.2e-28) |
| 6273 | 865_2.R1011 | histone(HMM:3.2e-51) |
| 6274 | 865_7.R1011 | histone(HMM:3.2e-51) |
| 6275 | 865_8.R1011 | histone(HMM:3.2e-51) |
| 6276 | uwc700150016.h1 | histone(HMM:3.3e-06) |
| 6277 | ceu700426183.h1 | histone(HMM:3.3e-10) |
| 6278 | 865_23.R1011 | histone(HMM:3.3e-17) |
| 6279 | g5058937 | histone(HMM:3.4e-22) |
| 6280 | 6594_1.R1011 | histone(HMM:3.4e-49) |
| 6281 | LIB3076-004-Q1-K1-D1 | "histone(HMM:3.4e-49),phd(HMM:0.11)" |
| 6282 | 15342_1.R1011 | histone(HMM:3.5e-15) |
| 6283 | g5713880 | histone(HMM:3.5e-24) |
| 6284 | 757_5.R1011 | histone(HMM:3.5e-46) |
| 6285 | 338_26.R1011 | histone(HMM:3.6e-08) |
| 6286 | LIB3079-053-Q1-K1-D2 | histone(HMM:3.6e-14) |
| 6287 | 95_10.R1011 | histone(HMM:3.6e-15) |
| 6288 | 757_36.R1011 | histone(HMM:3.6e-25) |
| 6289 | 60399_1.R1011 | histone(HMM:3.7e-11) |
| 6290 | uC-zmflb73018h09b1 | histone(HMM:3.7e-45) |
| 6291 | 757_14.R1011 | histone(HMM:3.7e-47) |
| 6292 | tzu700206634.h1 | histone(HMM:3.8e-07) |
| 6293 | pwr700453322.h1 | histone(HMM:3.8e-11) |
| 6294 | ntr700073403.h1 | histone(HMM:3.8e-14) |
| 6295 | 757_25.R1011 | histone(HMM:3.8e-41) |
| 6296 | 666_5.R1011 | histone(HMM:3.8e-44) |

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| 6297 | LIB3088-009-Q1-K1-G8 | histone(HMM:3.9e-12) |
| 6298 | LIB3279-013-P1-K1-H3 | histone(HMM:3.9e-23) |
| 6299 | LIB3070-014-Q1-N1-C11 | histone(HMM:3e-07) |
| 6300 | 95_8.R1011 | histone(HMM:4.1e-18) |
| 6301 | LIB3150-075-P1-N1-F7 | histone(HMM:4.2e-09) |
| 6302 | LIB3059-047-Q1-K1-H1 | histone(HMM:4.2e-17) |
| 6303 | uC-zmflb73193g04b1 | histone(HMM:4.2e-29) |
| 6304 | 757_16.R1011 | histone(HMM:4.3e-47) |
| 6305 | zla700380212.h1 | histone(HMM:4.4) |
| 6306 | dyk700106733.h1 | histone(HMM:4.4e-06) |
| 6307 | LIB3088-050-Q1-K1-C2 | histone(HMM:4.4e-07) |
| 6308 | vux700160627.h1 | histone(HMM:4.4e-11) |
| 6309 | 865_16.R1011 | histone(HMM:4.4e-15) |
| 6310 | ntr700074528.h1 | histone(HMM:4.5e-37) |
| 6311 | g5268696 | histone(HMM:4.5e-40) |
| 6312 | 757_12.R1011 | histone(HMM:4.5e-46) |
| 6313 | vux700158183.h1 | histone(HMM:4.6e-05) |
| 6314 | uC-zmflb73025e02b2 | histone(HMM:4.6e-11) |
| 6315 | LIB3153-005-Q1-K1-B5 | histone(HMM:4.7e-05) |
| 6316 | yyf700349642.h1 | histone(HMM:4.7e-07) |
| 6317 | qmh700028985.fl | histone(HMM:4.7e-11) |
| 6318 | 757_7.R1011 | histone(HMM:4.7e-46) |
| 6319 | uC-zmflmo170114e10b1 | histone(HMM:4.8e-44) |
| 6320 | 95_11.R1011 | histone(HMM:4.9e-08) |
| 6321 | LIB3070-005-Q1-N1-B3 | histone(HMM:4.9e-13) |
| 6322 | LIB3076-044-Q1-K1-G3 | histone(HMM:4e-05) |
| 6323 | 338_16.R1011 | histone(HMM:4e-06) |
| 6324 | xmt700261612.h1 | histone(HMM:4e-06) |
| 6325 | LIB3088-003-Q1-K1-A3 | histone(HMM:4e-18) |
| 6326 | uC-zmflmo17336b11b1 | histone(HMM:4e-34) |
| 6327 | 865_9.R1011 | histone(HMM:4e-42) |
| 6328 | 1672_1.R1011 | histone(HMM:4e-45) |
| 6329 | wty700172957.h1 | histone(HMM:5.1e-07) |
| 6330 | g3341197 | histone(HMM:5.1e-08) |
| 6331 | 865_12.R1011 | histone(HMM:5.1e-23) |
| 6332 | 354331_1.R1011 | histone(HMM:5.2e-05) |
| 6333 | LIB148-002-Q1-E1-B12 | histone(HMM:5.2e-08) |
| 6334 | LIB3076-021-Q1-K1-F8 | histone(HMM:5.2e-37) |
| 6335 | pmx700088709.h1 | histone(HMM:5.3e-07) |
| 6336 | xyt700346422.h1 | histone(HMM:5.3e-13) |
| 6337 | 865_14.R1011 | histone(HMM:5.3e-49) |
| 6338 | LIB3180-060-P2-M1-H6 | histone(HMM:5.6e-06) |
| 6339 | LIB3279-051-P1-K1-C7 | histone(HMM:5.6e-06) |
| 6340 | hvj700621760.h1 | histone(HMM:5.6e-06) |
| 6341 | LIB3078-007-Q1-K1-F11 | histone(HMM:5.6e-11) |
| 6342 | gwl700613664.h1 | histone(HMM:5.6e-12) |
| 6343 | uC-zmflb73178a01b1 | histone(HMM:5.6e-14) |
| 6344 | uC-zmroteosinte102h01b2 | histone(HMM:5.6e-21) |
| 6345 | cyk700051888.fl | histone(HMM:5.7e-06) |
| 6346 | 757_29.R1011 | histone(HMM:5.7e-11) |
| 6347 | g3340926 | histone(HMM:5.8e-05) |
| 6348 | tfd700572124.h1 | histone(HMM:5.8e-11) |
| 6349 | kem700610759.h1 | histone(HMM:5.9e-10) |
| 6350 | zla700379678.h1 | histone(HMM:5.9e-11) |

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| 6405 | uC-zmrob73075d01b1 | histone(HMM:8e-14) |
| 6406 | LIB3116-025-P1-K1-F8 | histone(HMM:9.3) |
| 6407 | LIB3069-048-Q1-K1-A1 | histone(HMM:9.3e-33) |
| 6408 | 865_13.R1011 | histone(HMM:9.6e-13) |
| 6409 | LIB3279-004-P1-K1-H7 | histone(HMM:9.7e-09) |
| 6410 | 6074_1.R1011 | histone(HMM:9.7e-51) |
| 6411 | g4572905 | histone(HMM:9.8) |
| 6412 | LIB3079-041-Q1-K1-C3 | histone(HMM:9.8e-09) |
| 6413 | 338_14.R1011 | histone(HMM:9.9e-47) |
| 6414 | 338_5.R1011 | histone(HMM:9.9e-47) |
| 6415 | uC-zmflb73028d10b1 | histone(HMM:9.9e-47) |
| 6416 | uC-zmflb73306e05b1 | histone(HMM:9e-09) |
| 6417 | tzu700205503.h1 | histone(HMM:9e-12) |
| 6418 | wty700168638.h1 | hlh(HMM:0.00026) |
| 6419 | pmx700085722.h1 | hlh(HMM:0.00033) |
| 6420 | 7914_1.R1011 | hlh(HMM:0.0056) |
| 6421 | 9442_2.R1011 | hlh(HMM:0.013) |
| 6422 | uC-zmflb73012g11b1 | hlh(HMM:0.013) |
| 6423 | 245026_1.R1011 | hlh(HMM:0.02) |
| 6424 | 40548_1.R1011 | hlh(HMM:0.034) |
| 6425 | 80197_1.R1011 | hlh(HMM:0.036) |
| 6426 | 133275_1.R1011 | hlh(HMM:0.041) |
| 6427 | fdz701165182.h1 | hlh(HMM:0.046) |
| 6428 | 133245_1.R1011 | hlh(HMM:0.048) |
| 6429 | wyr700237155.h1 | hlh(HMM:0.049) |
| 6430 | 14440_1.R1011 | hlh(HMM:0.052) |
| 6431 | 214046_1.R1011 | hlh(HMM:0.058) |
| 6432 | 10605_1.R1011 | hlh(HMM:0.063) |
| 6433 | 106370_1.R1011 | hlh(HMM:0.063) |
| 6434 | cat700021841.r1 | hlh(HMM:0.076) |
| 6435 | uC-zmflb73002a04b1 | hlh(HMM:0.076) |
| 6436 | 104405_1.R1011 | hlh(HMM:0.084) |
| 6437 | 78856_2.R1011 | hlh(HMM:0.086) |
| 6438 | qmh700028639.fl | hlh(HMM:0.089) |
| 6439 | LIB3067-055-Q1-K1-E3 | hlh(HMM:0.099) |
| 6440 | g4887525 | hlh(HMM:0.11) |
| 6441 | fwa700100255.h1 | hlh(HMM:0.31) |
| 6442 | nbm700468724.h1 | hlh(HMM:0.69) |
| 6443 | uC-zmflb73099d02b1 | hlh(HMM:0.74) |
| 6444 | 155010_1.R1011 | hlh(HMM:1.1e-12) |
| 6445 | 11328_1.R1011 | hlh(HMM:1.5e-07) |
| 6446 | uC-zmflmo17131c08a1 | hlh(HMM:1.5e-12) |
| 6447 | 9274_1.R1011 | hlh(HMM:1.7e-09) |
| 6448 | LIB3156-002-Q1-K1-A12 | hlh(HMM:1.8) |
| 6449 | 246596_1.R1011 | hlh(HMM:1.9e-09) |
| 6450 | 42580_1.R1011 | hlh(HMM:1.9e-12) |
| 6451 | 11613_1.R1011 | hlh(HMM:1e-05) |
| 6452 | 47991_1.R1011 | hlh(HMM:1e-09) |
| 6453 | xyt700342458.h1 | hlh(HMM:2.1e-06) |
| 6454 | 324352_1.R1011 | hlh(HMM:2.1e-09) |
| 6455 | tzu700206189.h1 | hlh(HMM:2.1e-13) |
| 6456 | 45993_1.R1011 | hlh(HMM:2e-16) |
| 6457 | 277222_1.R1011 | hlh(HMM:3.3e-09) |
| 6458 | 165141_1.R1011 | hlh(HMM:3.4e-10) |

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| 6459 | 593_1.R1011 | hlh(HMM:3.6e-14) |
| 6460 | 593_2.R1011 | hlh(HMM:3.6e-14) |
| 6461 | 1032_1.R1011 | hlh(HMM:5.2e-15) |
| 6462 | LIB3088-037-Q1-K1-E11 | hlh(HMM:5.9e-05) |
| 6463 | g22194 | hlh(HMM:6.3e-16) |
| 6464 | 5983_1.R1011 | hlh(HMM:6.8e-12) |
| 6465 | 158887_1.R1011 | hlh(HMM:6.9e-11) |
| 6466 | 68023_1.R1011 | hlh(HMM:7.7e-09) |
| 6467 | LIB3069-006-Q1-K1-C11 | hlh(HMM:8.5e-16) |
| 6468 | 22182_1.R1011 | hlh(HMM:8.9e-06) |
| 6469 | 6061_1.R1011 | hlh(HMM:9.4e-07) |
| 6470 | uwc700155775.h1 | hlh(HMM:9.5e-06) |
| 6471 | 104151_1.R1011 | hlh(HMM:9.9e-09) |
| 6472 | LIB3150-079-P1-N1-E3 | hlh_e2f(1.4e-30) |
| 6473 | LIB3076-014-Q1-K1-C4 | hlh_e2f(7.3e-06) |
| 6474 | LIB143-063-Q1-E1-G12 | hmg_box(HMM:0.0017) |
| 6475 | xjt700092660.h1 | hmg_box(HMM:0.0018) |
| 6476 | xsy700213026.h1 | hmg_box(HMM:0.0018) |
| 6477 | uC-zmflmol7218b08a1 | hmg_box(HMM:0.0019) |
| 6478 | gct701170728.h1 | hmg_box(HMM:0.013) |
| 6479 | 1116_2.R1011 | hmg_box(HMM:0.02) |
| 6480 | zuv700354730.h1 | hmg_box(HMM:0.089) |
| 6481 | LIB3059-029-Q1-K1-B11 | hmg_box(HMM:0.15) |
| 6482 | uwc700155406.h1 | hmg_box(HMM:0.23) |
| 6483 | hvj700620934.h1 | hmg_box(HMM:0.54) |
| 6484 | 52173_1.R1011 | hmg_box(HMM:0.59) |
| 6485 | 16250_1.R1011 | hmg_box(HMM:1.2e-24) |
| 6486 | 34113_1.R1011 | hmg_box(HMM:1.4e-06) |
| 6487 | rvt700457875.h1 | hmg_box(HMM:1.5e-15) |
| 6488 | 201269_2.R1011 | hmg_box(HMM:1.5e-19) |
| 6489 | 762_3.R1011 | hmg_box(HMM:1.6e-18) |
| 6490 | 2748_1.R1011 | hmg_box(HMM:1.8e-18) |
| 6491 | 762_1.R1011 | hmg_box(HMM:1.9e-29) |
| 6492 | LIB3150-071-P1-N1-H11 | hmg_box(HMM:2.1e-07) |
| 6493 | 34113_2.R1011 | hmg_box(HMM:2.1e-20) |
| 6494 | LIB3151-003-Q1-K1-E11 | hmg_box(HMM:2.6e-06) |
| 6495 | 33323_1.R1011 | hmg_box(HMM:2.6e-20) |
| 6496 | 8194_1.R1011 | hmg_box(HMM:3.2e-26) |
| 6497 | uC-zmflb73040a04b1 | hmg_box(HMM:3e-27) |
| 6498 | uC-zmroteosinte068b05b1 | hmg_box(HMM:4.3e-12) |
| 6499 | yyf700348989.h1 | hmg_box(HMM:4.4e-28) |
| 6500 | rvt700552318.h1 | hmg_box(HMM:4.6) |
| 6501 | 763_1.R1011 | hmg_box(HMM:5.1e-30) |
| 6502 | xyt700346708.h1 | hmg_box(HMM:5.1e-30) |
| 6503 | 760_4.R1011 | hmg_box(HMM:5.6e-29) |
| 6504 | LIB3076-007-Q1-K1-H11 | hmg_box(HMM:6.1e-21) |
| 6505 | 763_5.R1011 | hmg_box(HMM:6.5e-27) |
| 6506 | LIB3067-045-Q1-K1-C4 | hmg_box(HMM:6.9e-24) |
| 6507 | 762_4.R1011 | hmg_box(HMM:7.8e-27) |
| 6508 | 1116_1.R1011 | hmg_box(HMM:8.1e-13) |
| 6509 | 760_1.R1011 | hmg_box(HMM:8.5e-29) |
| 6510 | 201269_1.R1011 | hmg_box(HMM:8.6e-10) |
| 6511 | 388_11.R1011 | homeobox(HMM:0.00014) |
| 6512 | 780_1.R1011 | "homeobox(HMM:0.00043),hom |

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| | | eobox_knox3(1.5e-34)" |
| 6513 | 33684_1.R1011 | "homeobox(HMM:0.00058),homeobox_knox3(5.6e-10)" |
| 6514 | 135329_1.R1011 | "homeobox(HMM:0.001),homeobox_knox3(4.6e-34)" |
| 6515 | 206382_1.R1011 | "homeobox(HMM:0.0019),homeobox_knox3(1.4e-11),homeobox_mat(0.0002)" |
| 6516 | uC-zmflb73084b12b2 | "homeobox(HMM:0.0031),homeobox_knox3(5.6e-13)" |
| 6517 | 175_1.R1011 | homeobox(HMM:0.0032) |
| 6518 | LIB3066-028-Q1-K1-E9 | homeobox(HMM:0.0033) |
| 6519 | uC-zmflmo17306a12b1 | homeobox(HMM:0.0033) |
| 6520 | 17_1.R1011 | "homeobox(HMM:0.0056),phd(HMM:1.2e-11)" |
| 6521 | LIB3137-018-Q1-K1-B10 | homeobox(HMM:0.0071) |
| 6522 | 154608_1.R1011 | "homeobox(HMM:0.0081),homeobox_knox3(5.6e-12)" |
| 6523 | LIB3067-032-Q1-K1-F8 | "homeobox(HMM:0.0085),homeobox_knox3(2.0e-12)" |
| 6524 | 55031_1.R1011 | homeobox(HMM:0.01) |
| 6525 | ymt700219170.h1 | "homeobox(HMM:0.014),homeobox_knox3(9.3e-13),homeobox_mat(8.1e-05)" |
| 6526 | 8191_1.R1011 | "homeobox(HMM:0.016),homeobox_knox3(2.6e-22)" |
| 6527 | uC-zmflmo17364h11a1 | "homeobox(HMM:0.017),homeobox_knox3(4.3e-13)" |
| 6528 | 62412_1.R1011 | "homeobox(HMM:0.017),homeobox_knox3(5.9e-12)" |
| 6529 | 93311_1.R1011 | "homeobox(HMM:0.022),homeobox_knox3(3.2e-22)" |
| 6530 | wyr700241308.h1 | "homeobox(HMM:0.031),homeobox_knox3(9.2e-08)" |
| 6531 | 69814_2.R1011 | homeobox(HMM:0.062) |
| 6532 | 7310_1.R1011 | "homeobox(HMM:0.094),homeobox_knox3(3.5e-09)" |
| 6533 | 25970_1.R1011 | "homeobox(HMM:0.1),homeobox_knox3(2.7e-20)" |
| 6534 | LIB3066-043-Q1-K1-D10 | homeobox(HMM:0.26) |
| 6535 | uC-zmflmo17002e04b1 | homeobox(HMM:0.29) |
| 6536 | uC-zmflb73252d04b3 | homeobox(HMM:0.29) |
| 6537 | LIB3062-052-Q1-K1-B9 | homeobox(HMM:1) |
| 6538 | 388_3.R1011 | homeobox(HMM:1.4e-19) |
| 6539 | 388_2.R1011 | homeobox(HMM:1.4e-20) |
| 6540 | fC-zmfl700549125f3 | homeobox(HMM:1.5) |
| 6541 | 128072_1.R1011 | homeobox(HMM:1.7e-18) |
| 6542 | 388_4.R1011 | homeobox(HMM:1.8e-17) |
| 6543 | LIB3136-018-Q1-K1-F8 | homeobox(HMM:1.9) |
| 6544 | 766_2.R1011 | "homeobox(HMM:1.9e-12),phd(HMM:2.7e-15)" |
| 6545 | uC-zmflB73007b08b1 | homeobox(HMM:1.9e-18) |
| 6546 | 388_1.R1011 | homeobox(HMM:1.9e-19) |
| 6547 | 1067_1.R1011 | "homeobox(HMM:2.4e- |

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| 6595 | 42794_1.R1011 | iaa(HMM:0.00071) |
| 6596 | uC-zmflmo17165a04b1 | iaa(HMM:0.00097) |
| 6597 | clt700042216.fl | iaa(HMM:0.0013) |
| 6598 | 287224_1.R1011 | iaa(HMM:0.0019) |
| 6599 | zuv700352703.h1 | iaa(HMM:0.0019) |
| 6600 | 60067_2.R1011 | iaa(HMM:0.002) |
| 6601 | LIB3279-055-P1-K1-A1 | iaa(HMM:0.0021) |
| 6602 | LIB3067-052-Q1-K1-G7 | iaa(HMM:0.0022) |
| 6603 | uC-zmflb73301e09a1 | iaa(HMM:0.0023) |
| 6604 | uC-zmroteosinte076h10b2 | iaa(HMM:0.0025) |
| 6605 | 90938_2.R1011 | iaa(HMM:0.0042) |
| 6606 | uC-zmroteosinte058a11b2 | iaa(HMM:0.0046) |
| 6607 | 27519_1.R1011 | iaa(HMM:0.0048) |
| 6608 | pwr700450469.h1 | iaa(HMM:0.0048) |
| 6609 | uC-zmromo17026d01a1 | iaa(HMM:0.0073) |
| 6610 | qmh700029447.fl | iaa(HMM:0.0079) |
| 6611 | 89902_1.R1011 | iaa(HMM:0.0086) |
| 6612 | dyk700102340.h1 | iaa(HMM:0.014) |
| 6613 | 273602_2.R1011 | iaa(HMM:0.041) |
| 6614 | LIB3062-009-Q1-K1-H9 | iaa(HMM:0.048) |
| 6615 | LIB3156-001-Q1-K1-D9 | iaa(HMM:0.06) |
| 6616 | nwy700445770.h1 | iaa(HMM:0.067) |
| 6617 | xmt700262053.h1 | iaa(HMM:0.43) |
| 6618 | 244457_1.R1011 | iaa(HMM:1.1) |
| 6619 | 18074_1.R1011 | iaa(HMM:1.1e-12) |
| 6620 | 36723_3.R1011 | iaa(HMM:1.1e-37) |
| 6621 | 5206_2.R1011 | iaa(HMM:1.1e-42) |
| 6622 | LIB3069-032-Q1-K1-B5 | iaa(HMM:1.2e-06) |
| 6623 | 18565_1.R1011 | iaa(HMM:1.2e-35) |
| 6624 | 18565_2.R1011 | iaa(HMM:1.3e-08) |
| 6625 | fdz701161796.h1 | iaa(HMM:1.3e-19) |
| 6626 | 165547_1.R1011 | iaa(HMM:1.4) |
| 6627 | 17862_2.R1011 | iaa(HMM:1.4e-40) |
| 6628 | 10914_1.R1011 | iaa(HMM:1.4e-46) |
| 6629 | 99544_1.R1011 | iaa(HMM:1.5e-07) |
| 6630 | 244546_1.R1011 | iaa(HMM:1.5e-43) |
| 6631 | wty700172062.h1 | iaa(HMM:1.6e-07) |
| 6632 | 113760_1.R1011 | iaa(HMM:1.6e-10) |
| 6633 | 7217_3.R1011 | iaa(HMM:1.8e-25) |
| 6634 | 43613_3.R1011 | iaa(HMM:1.8e-30) |
| 6635 | 7217_1.R1011 | iaa(HMM:1.8e-54) |
| 6636 | 5423_1.R1011 | iaa(HMM:1.9e-06) |
| 6637 | 63348_1.R1011 | iaa(HMM:1.9e-40) |
| 6638 | 7084_2.R1011 | iaa(HMM:2.2e-32) |
| 6639 | g4314535 | iaa(HMM:2.3e-05) |
| 6640 | 118813_1.R1011 | iaa(HMM:2.5e-05) |
| 6641 | fC-zmfl700903946z1 | iaa(HMM:2.7e-34) |
| 6642 | uC-zmroteosinte030b06b1 | iaa(HMM:2.8e-07) |
| 6643 | ceu700433713.h1 | iaa(HMM:2.8e-29) |
| 6644 | 126546_1.R1011 | iaa(HMM:2e-52) |
| 6645 | 177164_1.R1011 | iaa(HMM:3.2) |
| 6646 | 2478_12.R1011 | iaa(HMM:3.4e-06) |
| 6647 | 7084_1.R1011 | iaa(HMM:3.4e-08) |
| 6648 | LIB3067-004-Q1-K1-H5 | iaa(HMM:3.4e-21) |

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| 6649 | dyk700105172.h1 | iaa(HMM:3.4e-35) |
| 6650 | 4794_1.R1011 | iaa(HMM:3.5e-36) |
| 6651 | 39538_1.R1011 | iaa(HMM:3.9e-51) |
| 6652 | g4647071 | iaa(HMM:3e-18) |
| 6653 | 4943_1.R1011 | iaa(HMM:4.1e-40) |
| 6654 | pmx700085101.h1 | iaa(HMM:4.7e-06) |
| 6655 | 36723_1.R1011 | iaa(HMM:4.7e-17) |
| 6656 | LIB3159-016-Q1-K1-H5 | iaa(HMM:4.8e-05) |
| 6657 | 63348_2.R1011 | iaa(HMM:5.1e-07) |
| 6658 | 207353_1.R1011 | iaa(HMM:5.1e-09) |
| 6659 | 44453_1.R1011 | iaa(HMM:5.3e-06) |
| 6660 | cat700018068.r1 | iaa(HMM:5.4e-13) |
| 6661 | fdz701160529.h1 | iaa(HMM:5.8e-07) |
| 6662 | LIB3115-025-P1-K1-G8 | iaa(HMM:5.9e-10) |
| 6663 | pmx700091218.h1 | iaa(HMM:5e-05) |
| 6664 | LIB189-028-Q1-E1-C7 | iaa(HMM:5e-06) |
| 6665 | 36723_2.R1011 | iaa(HMM:6.4e-08) |
| 6666 | wen700335617.h1 | iaa(HMM:6.4e-08) |
| 6667 | 113854_1.R1011 | iaa(HMM:6.6e-66) |
| 6668 | LIB3070-011-Q1-N1-B9 | iaa(HMM:6.8e-06) |
| 6669 | 6146_3.R1011 | iaa(HMM:7.7e-13) |
| 6670 | 92613_1.R1011 | iaa(HMM:7.8e-34) |
| 6671 | 138145_2.R1011 | iaa(HMM:8.8e-08) |
| 6672 | LIB3116-025-P1-K1-C6 | iaa(HMM:8.9e-09) |
| 6673 | uC-zmflmo17297c12b1 | iaa(HMM:9.3e-54) |
| 6674 | tfd700572494.h1 | iaa(HMM:9.6e-10) |
| 6675 | qmh700030191.fl | iaa(HMM:9.8e-07) |
| 6676 | LIB3116-025-P1-K2-C6 | iaa(HMM:9.8e-10) |
| 6677 | yyf700348060.h1 | ibr(HMM:0.0005) |
| 6678 | 268028_1.R1011 | ibr(HMM:0.015) |
| 6679 | 180806_1.R1011 | ibr(HMM:0.17) |
| 6680 | 1610_1.R1011 | ibr(HMM:1.2e-11) |
| 6681 | 121748_1.R1011 | ibr(HMM:1e-06) |
| 6682 | 8414_1.R1011 | ibr(HMM:2.8e-16) |
| 6683 | 47794_1.R1011 | ibr(HMM:3.6e-06) |
| 6684 | 19283_1.R1011 | ibr(HMM:6.3e-08) |
| 6685 | kem700612163.h1 | ibr(HMM:6.3e-20) |
| 6686 | uC-zmflb73007c10b1 | "k-box(HMM:0.00013),srf-tf(HMM:2.8e-32)" |
| 6687 | uC-zmflmo17321d12b1 | k-box(HMM:0.00052) |
| 6688 | uC-zmroteosinte117g06b1 | k-box(HMM:0.0014) |
| 6689 | uC-zmflb73020c05b1 | k-box(HMM:0.0017) |
| 6690 | LIB3069-044-Q1-K1-B9 | "k-box(HMM:0.0057),srf-tf(HMM:1.4e-36)" |
| 6691 | LIB3116-025-P1-K1-B6 | k-box(HMM:0.007) |
| 6692 | uC-zmflb73148g01b1 | k-box(HMM:0.0078) |
| 6693 | g4730436 | "k-box(HMM:0.0081),srf-tf(HMM:4.7e-35)" |
| 6694 | 418_1.R1011 | "k-box(HMM:0.0092),srf-tf(HMM:1.1e-25)" |
| 6695 | LIB3068-025-Q1-K1-D7 | k-box(HMM:0.83) |
| 6696 | LIB3067-047-Q1-K1-C2 | k-box(HMM:1.1e-06) |
| 6697 | uC-zmflb73014e12b1 | k-box(HMM:1.2e-08) |
| 6698 | 166_1.R1011 | "k-box(HMM:1.2e-08),srf-tf(HMM:1.2e-08)" |

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| 6699 | CPR6867_700163369_FL | tf(HMM:1.9e-29)" |
| 6700 | uC-zmflmo17078c09b1 | k-box(HMM:1.3e-10) |
| 6701 | 166_5.R1011 | k-box(HMM:1.3e-23) |
| 6702 | uC-zmrob73050c02b1 | k-box(HMM:1.4e-06) |
| 6703 | 122_2.R1011 | k-box(HMM:1.6e-05) |
| 6704 | uC-zmflb73140b06b1 | k-box(HMM:1.6e-22) |
| 6705 | 113_1.R1011 | k-box(HMM:1.7e-13) |
| | | "k-box(HMM:1.7e-42),srf- |
| | | tf(HMM:7.3e-38)" |
| 6706 | 126_1.R1011 | "k-box(HMM:1.9e-05),srf- |
| | | tf(HMM:1.5e-33)" |
| 6707 | 109_2.R1011 | k-box(HMM:1.9e-14) |
| 6708 | uC-zmflmo17057c07b1 | k-box(HMM:1e-06) |
| 6709 | 610_2.R1011 | "k-box(HMM:1e-34),srf- |
| | | tf(HMM:1e-34)" |
| 6710 | 109_1.R1011 | "k-box(HMM:2.1e-14),srf- |
| | | tf(HMM:4e-32)" |
| 6711 | uC-zmflmo17280a06b1 | k-box(HMM:2.3e-07) |
| 6712 | 949_2.R1011 | "k-box(HMM:2.4e-38),srf- |
| | | tf(HMM:1.7e-20)" |
| 6713 | 112_2.R1011 | k-box(HMM:2.5e-11) |
| 6714 | 120_3.R1011 | k-box(HMM:2.7e-31) |
| 6715 | 120_2.R1011 | k-box(HMM:2.8e-27) |
| 6716 | 113_3.R1011 | "k-box(HMM:2.8e-38),srf- |
| | | tf(HMM:2.8e-37)" |
| 6717 | LIB3059-037-Q1-K1-A3 | k-box(HMM:3.2e-30) |
| 6718 | 611_2.R1011 | "k-box(HMM:3.2e-36),srf- |
| | | tf(HMM:3e-36)" |
| 6719 | g5268420 | "k-box(HMM:3.4e-43),srf- |
| | | tf(HMM:1.3e-11)" |
| 6720 | 544_1.R1011 | "k-box(HMM:3.4e-43),srf- |
| | | tf(HMM:4.3e-38)" |
| 6721 | 38372_1.R1011 | "k-box(HMM:3.5e-05),srf- |
| | | tf(HMM:1.6e-29)" |
| 6722 | 611_1.R1011 | "k-box(HMM:3.5e-38),srf- |
| | | tf(HMM:1.4e-36)" |
| 6723 | 112_1.R1011 | "k-box(HMM:3.6e-19),srf- |
| | | tf(HMM:1.9e-09)" |
| 6724 | 610_1.R1011 | "k-box(HMM:3.7e-35),srf- |
| | | tf(HMM:1.4e-35)" |
| 6725 | 124_1.R1011 | k-box(HMM:3.8e-10) |
| 6726 | 113_5.R1011 | "k-box(HMM:3.9e-40),srf- |
| | | tf(HMM:1.5e-37)" |
| 6727 | 113_6.R1011 | "k-box(HMM:3.9e-40),srf- |
| | | tf(HMM:1.5e-37)" |
| 6728 | 166_4.R1011 | k-box(HMM:4.1e-05) |
| 6729 | 107_1.R1011 | "k-box(HMM:4.4e-12),srf- |
| | | tf(HMM:1.4e-29)" |
| 6730 | 125_1.R1011 | "k-box(HMM:4.7e-33),srf- |
| | | tf(HMM:4.4e-36)" |
| 6731 | 116_1.R1011 | "k-box(HMM:5.4e-26),srf- |
| | | tf(HMM:1e-37)" |
| 6732 | 113_4.R1011 | "k-box(HMM:5.5e-39),srf- |
| | | tf(HMM:1.6e-37)" |

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| 6733 | 123_1.R1011 | "k-box(HMM:5.7e-25),srf- tf(HMM:1.9e-35)" |
| 6734 | 119_1.R1011 | k-box(HMM:5.8e-08) |
| 6735 | 4634_1.R1011 | k-box(HMM:5.9e-18) |
| 6736 | 122_5.R1011 | k-box(HMM:6.1e-12) |
| 6737 | LIB3116-025-P1-K2-B6 | k-box(HMM:6.4e-07) |
| 6738 | LIB3067-059-Q1-K1-C6 | "k-box(HMM:6.6e-07),srf- tf(HMM:1.3e-16)" |
| 6739 | 122_1.R1011 | "k-box(HMM:6.7e-42),srf- tf(HMM:3e-37)" |
| 6740 | LIB3088-010-Q1-K1-D9 | k-box(HMM:7.1e-06) |
| 6741 | g939780 | "k-box(HMM:7.2e-43),srf- tf(HMM:4.9e-37)" |
| 6742 | uC-zmflb73119c08a1 | k-box(HMM:7.5e-06) |
| 6743 | 120_1.R1011 | k-box(HMM:9.3e-06) |
| 6744 | 949_1.R1011 | "k-box(HMM:9.3e-37),srf- tf(HMM:3.7e-19)" |
| 6745 | tfd700571519.h1 | keyword:14-3-3(2.0e-29) |
| 6746 | nwy700443416.h1 | keyword:14-3-3(5.0e-97) |
| 6747 | uC-zmflmo17368g12a1 | keyword:AGAMOUS(4.0e-21) |
| 6748 | rvl700455692.h1 | keyword:AGL(1.0e-143) |
| 6749 | LIB148-037-Q1-E1-F9 | keyword:AGL(1.0e-16) |
| 6750 | vux700160175.h1 | keyword:AGL(1.0e-19) |
| 6751 | 286109_1.R1011 | keyword:AGL(1.0e-35) |
| 6752 | LIB3151-035-Q1-K1-F3 | keyword:AGL(1.0e-46) |
| 6753 | fwa700097971.h1 | keyword:AGL(2.0e-11) |
| 6754 | uC-zmroteosintel19g06b2 | keyword:AGL(2.0e-15) |
| 6755 | uC-zmflmo17141d11a1 | keyword:AGL(2.0e-55) |
| 6756 | LIB36-011-Q2-E2-C8 | keyword:AGL(3.0e-11) |
| 6757 | 537_1.R1011 | keyword:AGL(4.0e-34) |
| 6758 | 30596_1.R1011 | keyword:AGL(4.0e-37) |
| 6759 | uC-zmflmo17100c07b1 | keyword:AGL(5.0e-18) |
| 6760 | 10216_1.R1011 | keyword:AGL(5.0e-27) |
| 6761 | 34664_1.R1011 | keyword:AGL(5.0e-27) |
| 6762 | 316540_1.R1011 | keyword:AGL(5.0e-30) |
| 6763 | xjt700092426.h1 | keyword:AGL(6.0e-28) |
| 6764 | uC-zmflb73028c07b1 | keyword:AGL(7.0e-11) |
| 6765 | 78620_1.R1011 | keyword:AGL(7.0e-25) |
| 6766 | 64990_1.R1011 | keyword:AGL(9.0e-16) |
| 6767 | 815_1.R1011 | "keyword:ap2(0.0e+00),keyword: ap2(0.0e+00),keyword:ap2(0.0e+ 00)" |
| 6768 | 18_3.R1011 | keyword:ap2(1.0e-17) |
| 6769 | gct701179408.h1 | keyword:ap2(1.0e-18) |
| 6770 | nbn700475984.h1 | keyword:ap2(1.0e-21) |
| 6771 | wen700332115.h1 | keyword:ap2(1.0e-29) |
| 6772 | nwy700444335.h1 | keyword:ap2(2.0e-10) |
| 6773 | dyk700104327.h1 | keyword:ap2(2.0e-34) |
| 6774 | pwr700450563.h1 | keyword:ap2(3.0e-26) |
| 6775 | xtj700377682.h1 | keyword:ap2(4.0e-10) |
| 6776 | 59339_1.R1011 | keyword:ap2(5.0e-21) |
| 6777 | LIB3088-049-Q1-K1-F5 | keyword:ap2(5.0e-28) |
| 6778 | ceu700423863.h1 | keyword:ap2(8.0e-25) |
| 6779 | 883_2.R1011 | keyword:ap2(8.0e-26) |

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| 6780 | 152851_1.R1011 | keyword:ap2(9.0e-22) |
| 6781 | 134695_1.R1011 | keyword:ap2(9.0e-31) |
| 6782 | 106029_1.R1011 | keyword:ap2(9.0e-44) |
| 6783 | qmh700026482.fl | keyword:AT-hook(1.0e-11) |
| 6784 | xmt700259589.h1 | keyword:AT-hook(1.0e-14) |
| 6785 | ymt700220746.h1 | keyword:AT-hook(2.0e-31) |
| 6786 | yyf700350355.h1 | keyword:AT-hook(4.0e-20) |
| 6787 | cyk700047678.fl | keyword:bzip(1.0e-08) |
| 6788 | LIB3150-098-P1-N1-B9 | keyword:bzip(1.0e-14) |
| 6789 | pmx700089501.h1 | "keyword:bzip(1.0e-30),keyword:homeobox(1.0e-30)" |
| 6790 | yyf700350763.h1 | keyword:bzip(2.0e-11) |
| 6791 | LIB3069-036-Q1-K1-F4 | keyword:bzip(2.0e-16) |
| 6792 | 6878_1.R1011 | "keyword:bzip(2.0e-39),keyword:bzip(2.0e-39)" |
| 6793 | wty700169467.h1 | "keyword:bzip(3.0e-11),keyword:homeobox(3.0e-11)" |
| 6794 | 35794_1.R1011 | keyword:bzip(3.0e-17) |
| 6795 | 48768_1.R1011 | "keyword:bzip(3.0e-22),keyword:dna-binding(3.0e-22)" |
| 6796 | 82514_1.R1011 | keyword:bzip(3.0e-50) |
| 6797 | 495_5.R1011 | keyword:bzip(3.0e-68) |
| 6798 | uC-zmflmo17017c06b1 | "keyword:bzip(4.0e-11),keyword:dna-binding(4.0e-11)" |
| 6799 | 48768_3.R1011 | "keyword:bzip(4.0e-18),keyword:dna-binding(4.0e-18)" |
| 6800 | LIB3076-018-Q1-K1-C8 | keyword:bzip(4.0e-27) |
| 6801 | uC-zmflb73207a02b1 | "keyword:bzip(5.0e-24),keyword:dna-binding(5.0e-24)" |
| 6802 | 209290_1.R1011 | "keyword:bzip(6.0e-40),keyword:homeobox(6.0e-40)" |
| 6803 | 103822_1.R1011 | keyword:bzip(6.0e-60) |
| 6804 | uwc700154149.h1 | "keyword:bzip(7.0e-09),keyword:dna-binding(7.0e-09)" |
| 6805 | 194_1.R1011 | keyword:bzip(7.0e-25) |
| 6806 | 117171_1.R1011 | keyword:bzip(7.0e-26) |
| 6807 | 48768_2.R1011 | "keyword:bzip(8.0e-25),keyword:dna-binding(8.0e-25)" |
| 6808 | LIB3069-002-Q1-K1-G9 | keyword:CBF1(3.0e-21) |
| 6809 | uC-zmflmo17425b04a1 | keyword:CONSTANS(1.0e-10) |
| 6810 | 12612_1.R1011 | keyword:dna-binding(0.0e+00) |
| 6811 | 176_1.R1011 | keyword:dna-binding(0.0e+00) |
| 6812 | hbs701185652.h1 | keyword:dna-binding(1.0e-10) |
| 6813 | 47487_3.R1011 | keyword:dna-binding(1.0e-11) |
| 6814 | uC-zmflmo17209h03a1 | keyword:dna-binding(1.0e-11) |

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| 6815 | 548_2.R1011 | keyword:dna-binding(1.0e-112) |
| 6816 | 13235_1.R1011 | keyword:dna-binding(1.0e-140) |
| 6817 | 23216_2.R1011 | keyword:dna-binding(1.0e-143) |
| 6818 | LIB3066-014-Q1-K1-E3 | keyword:dna-binding(1.0e-18) |
| 6819 | LIB3067-009-Q1-K1-B7 | keyword:dna-binding(1.0e-18) |
| 6820 | LIB3062-008-Q1-K1-D8 | keyword:dna-binding(1.0e-25) |
| 6821 | LIB143-050-Q1-E1-G11 | keyword:dna-binding(1.0e-28) |
| 6822 | 789_2.R1011 | keyword:dna-binding(1.0e-41) |
| 6823 | LIB3060-024-Q1-K1-H1 | keyword:dna-binding(1.0e-43) |
| 6824 | LIB3069-035-Q1-K1-E4 | keyword:dna-binding(1.0e-53) |
| 6825 | 8811_1.R1011 | keyword:dna-binding(1.0e-67) |
| 6826 | cyk700049422.fl | keyword:dna-binding(2.0e-10) |
| 6827 | uC-zmflb73045c09b1 | keyword:dna-binding(2.0e-10) |
| 6828 | LIB3067-042-Q1-K1-A5 | keyword:dna-binding(2.0e-11) |
| 6829 | 16070_1.R1011 | keyword:dna-binding(2.0e-12) |
| 6830 | 264834_1.R1011 | keyword:dna-binding(2.0e-12) |
| 6831 | 132728_1.R1011 | keyword:dna-binding(2.0e-14) |
| 6832 | uC-zmflb73139c09b1 | keyword:dna-binding(2.0e-14) |
| 6833 | 32823_1.R1011 | keyword:dna-binding(2.0e-17) |
| 6834 | 268459_1.R1011 | keyword:dna-binding(2.0e-18) |
| 6835 | uC-zmflmo17041a05b1 | keyword:dna-binding(2.0e-18) |
| 6836 | uC-zmflmo17083d10a1 | keyword:dna-binding(2.0e-19) |
| 6837 | LIB3158-005-Q1-K1-A5 | keyword:dna-binding(2.0e-22) |
| 6838 | 101450_1.R1011 | keyword:dna-binding(2.0e-25) |
| 6839 | uC-zmflmo17277c02a1 | keyword:dna-binding(2.0e-36) |
| 6840 | 34238_1.R1011 | keyword:dna-binding(2.0e-39) |
| 6841 | 3286_1.R1011 | keyword:dna-binding(2.0e-40) |
| 6842 | 139431_1.R1011 | keyword:dna-binding(2.0e-44) |
| 6843 | LIB3078-029-Q1-K1-F11 | keyword:dna-binding(2.0e-44) |
| 6844 | 176_2.R1011 | keyword:dna-binding(2.0e-50) |
| 6845 | wty700165894.h1 | keyword:dna-binding(3.0e-09) |
| 6846 | 76114_1.R1011 | keyword:dna-binding(3.0e-10) |
| 6847 | LIB3150-057-Q1-N1-B9 | keyword:dna-binding(3.0e-11) |
| 6848 | 94901_1.R1011 | keyword:dna-binding(3.0e-15) |
| 6849 | pwr700450526.h1 | keyword:dna-binding(3.0e-15) |
| 6850 | 154274_1.R1011 | keyword:dna-binding(3.0e-16) |
| 6851 | LIB3150-041-Q1-N1-B9 | keyword:dna-binding(3.0e-19) |
| 6852 | uC-zmromo17100d05a1 | keyword:dna-binding(3.0e-21) |
| 6853 | 17755_1.R1011 | keyword:dna-binding(3.0e-25) |
| 6854 | 77994_1.R1011 | keyword:dna-binding(3.0e-34) |
| 6855 | uC-zmrob73075f06b1 | keyword:dna-binding(3.0e-34) |
| 6856 | 23216_1.R1011 | keyword:dna-binding(3.0e-39) |
| 6857 | uC-zmflmo17083d10b1 | keyword:dna-binding(3.0e-59) |
| 6858 | uC-zmflb73032c11b1 | keyword:dna-binding(3.0e-62) |
| 6859 | LIB3062-032-Q1-K1-G5 | keyword:dna-binding(3.0e-69) |
| 6860 | LIB3117-015-Q1-K1-F4 | keyword:dna-binding(4.0e-12) |
| 6861 | nwy700447051.h1 | keyword:dna-binding(4.0e-14) |
| 6862 | 74100_1.R1011 | keyword:dna-binding(4.0e-21) |
| 6863 | 100714_1.R1011 | keyword:dna-binding(4.0e-22) |
| 6864 | wyr700241077.h1 | keyword:dna-binding(4.0e-23) |
| 6865 | hvj700618821.h1 | keyword:dna-binding(4.0e-34) |
| 6866 | LIB3088-029-Q1-K1-H1 | keyword:dna-binding(4.0e-47) |
| 6867 | uC-zmflmo17030h12b1 | keyword:dna-binding(4.0e-56) |
| 6868 | 12612_6.R1011 | keyword:dna-binding(4.0e-66) |

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| 6869 | 8306_1.R1011 | keyword:dna-binding(4.0e-68) |
| 6870 | 29316_1.R1011 | keyword:dna-binding(5.0e-10) |
| 6871 | 19186_2.R1011 | keyword:dna-binding(5.0e-17) |
| 6872 | 84803_1.R1011 | keyword:dna-binding(5.0e-19) |
| 6873 | 74100_2.R1011 | keyword:dna-binding(5.0e-21) |
| 6874 | LIB143-051-Q1-E1-B9 | keyword:dna-binding(5.0e-22) |
| 6875 | uwc700155357.h1 | keyword:dna-binding(5.0e-23) |
| 6876 | LIB3067-047-Q1-K1-C10 | keyword:dna-binding(5.0e-36) |
| 6877 | 12612_5.R1011 | keyword:dna-binding(5.0e-38) |
| 6878 | 94376_1.R1011 | keyword:dna-binding(5.0e-39) |
| 6879 | wty700165819.h1 | keyword:dna-binding(5.0e-56) |
| 6880 | 12726_1.R1011 | keyword:dna-binding(6.0e-16) |
| 6881 | 130932_1.R1011 | keyword:dna-binding(6.0e-21) |
| 6882 | 19186_1.R1011 | keyword:dna-binding(6.0e-56) |
| 6883 | LIB3279-059-P1-K1-G2 | keyword:dna-binding(7.0e-13) |
| 6884 | uC-zmflmo17285c06b1 | keyword:dna-binding(7.0e-14) |
| 6885 | LIB83-014-Q1-E1-D6 | keyword:dna-binding(7.0e-18) |
| 6886 | LIB3062-017-Q1-K1-E5 | keyword:dna-binding(7.0e-20) |
| 6887 | uC-zmflmo17227d01b1 | keyword:dna-binding(7.0e-20) |
| 6888 | LIB3150-077-P2-N2-H4 | keyword:dna-binding(7.0e-26) |
| 6889 | uC-zmflb73041e08b1 | keyword:dna-binding(8.0e-12) |
| 6890 | LIB143-062-Q1-E1-E4 | keyword:dna-binding(8.0e-30) |
| 6891 | 148466_1.R1011 | keyword:dna-binding(8.0e-34) |
| 6892 | mwy700438105.h1 | keyword:dna-binding(8.0e-38) |
| 6893 | 263065_1.R1011 | keyword:dna-binding(8.0e-66) |
| 6894 | pmx700091420.h1 | keyword:dna-binding(9.0e-11) |
| 6895 | uC-zmflb73181f12b1 | keyword:dna-binding(9.0e-18) |
| 6896 | xmt700257277.h1 | keyword:dna-binding(9.0e-18) |
| 6897 | LIB3137-024-Q1-K1-D9 | keyword:dna-binding(9.0e-35) |
| 6898 | LIB3076-018-Q1-K1-E7 | keyword:dna-binding(9.0e-85) |
| 6899 | 70147_1.R1011 | keyword:enbp(2.0e-25) |
| 6900 | 259266_1.R1011 | keyword:enbp(4.0e-09) |
| 6901 | uC-zmflB73006g07b1 | keyword:enbp(7.0e-18) |
| 6902 | yyf700351908.h1 | keyword:helix-loop-helix(2.0e-21) |
| 6903 | xyt700344766.h1 | keyword:helix-loop-helix(9.0e-33) |
| 6904 | 9174_1.R1011 | keyword:homeobox(0.0e+00) |
| 6905 | LIB3069-017-Q1-K1-B1 | keyword:homeobox(1.0e-08) |
| 6906 | LIB3067-027-Q1-K1-G9 | keyword:homeobox(1.0e-11) |
| 6907 | nbm700476093.h1 | keyword:homeobox(1.0e-12) |
| 6908 | 300002_1.R1011 | keyword:homeobox(1.0e-141) |
| 6909 | 18251_1.R1011 | keyword:homeobox(1.0e-146) |
| 6910 | LIB3062-023-Q1-K1-F5 | keyword:homeobox(1.0e-16) |
| 6911 | pmx700085542.h1 | keyword:homeobox(1.0e-30) |
| 6912 | 598_3.R1011 | keyword:homeobox(1.0e-31) |
| 6913 | 764_16.R1011 | "keyword:homeobox(1.0e-39),keyword:homeobox(1.0e-39)" |
| 6914 | 764_17.R1011 | "keyword:homeobox(1.0e-59),keyword:homeobox(1.0e-59)" |
| 6915 | 111824_1.R1011 | keyword:homeobox(2.0e-09) |
| 6916 | 33216_4.R1011 | keyword:homeobox(2.0e-10) |

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| 6917 | uC-zmflb73098h01b1 | keyword:homeobox(2.0e-10) |
| 6918 | 287454_1.R1011 | keyword:homeobox(2.0e-11) |
| 6919 | pwr700448959.h1 | keyword:homeobox(2.0e-11) |
| 6920 | gwl700614245.h1 | keyword:homeobox(2.0e-12) |
| 6921 | 163876_1.R1011 | keyword:homeobox(2.0e-13) |
| 6922 | ceu700421514.h1 | keyword:homeobox(2.0e-13) |
| 6923 | 31780_1.R1011 | "keyword:homeobox(2.0e-13),keyword:homeobox(2.0e-13)" |
| 6924 | LIB3066-035-Q1-K1-A7 | keyword:homeobox(2.0e-17) |
| 6925 | nbn700469004.h1 | keyword:homeobox(2.0e-17) |
| 6926 | 275799_1.R1011 | keyword:homeobox(2.0e-22) |
| 6927 | 116899_1.R1011 | "keyword:homeobox(2.0e-22),keyword:Leucine-zipper(2.0e-22)" |
| 6928 | 764_18.R1011 | keyword:homeobox(2.0e-28) |
| 6929 | 43230_1.R1011 | keyword:homeobox(2.0e-34) |
| 6930 | uC-zmflb73064a06b1 | keyword:homeobox(2.0e-45) |
| 6931 | uC-zmflb73155b12b2 | keyword:homeobox(2.0e-50) |
| 6932 | uC-zmflm017086g10a1 | keyword:homeobox(2.0e-60) |
| 6933 | 88003_1.R1011 | keyword:homeobox(3.0e-16) |
| 6934 | 67551_1.R1011 | keyword:homeobox(3.0e-21) |
| 6935 | uC-zmroteosinte069d05b1 | keyword:homeobox(3.0e-27) |
| 6936 | 50403_1.R1011 | keyword:homeobox(3.0e-44) |
| 6937 | 764_9.R1011 | keyword:homeobox(3.0e-65) |
| 6938 | 94091_1.R1011 | keyword:homeobox(3.0e-76) |
| 6939 | LIB3150-069-P1-N1-F1 | keyword:homeobox(4.0e-14) |
| 6940 | 9174_3.R1011 | keyword:homeobox(4.0e-16) |
| 6941 | nbn700473589.h1 | keyword:homeobox(4.0e-18) |
| 6942 | uC-zmflb73279a11a2 | keyword:homeobox(4.0e-18) |
| 6943 | 45866_1.R1011 | keyword:homeobox(4.0e-22) |
| 6944 | wen700336529.h1 | "keyword:homeobox(4.0e-37),keyword:zinc-finger(4.0e-37)" |
| 6945 | 73374_1.R1011 | "keyword:homeobox(4.0e-47),keyword:homeobox(4.0e-47)" |
| 6946 | 264438_1.R1011 | keyword:homeobox(4.0e-49) |
| 6947 | LIB3075-018-Q1-K1-G6 | keyword:homeobox(5.0e-15) |
| 6948 | uC-zmrob73061a09a1 | keyword:homeobox(5.0e-49) |
| 6949 | nbn700474077.h1 | keyword:homeobox(6.0e-09) |
| 6950 | 3178_1.R1011 | "keyword:homeobox(6.0e-17),keyword:homeobox(6.0e-17)" |
| 6951 | 280421_1.R1011 | keyword:homeobox(6.0e-21) |
| 6952 | vux700156628.h1 | keyword:homeobox(6.0e-22) |
| 6953 | uer700581639.h1 | keyword:homeobox(7.0e-14) |
| 6954 | 175_4.R1011 | keyword:homeobox(7.0e-17) |
| 6955 | uer700579633.h1 | keyword:homeobox(7.0e-17) |
| 6956 | LIB3181-013-P1-K2-A7 | keyword:homeobox(7.0e-35) |
| 6957 | 764_8.R1011 | keyword:homeobox(7.0e-68) |
| 6958 | 31780_5.R1011 | keyword:homeobox(7.0e-81) |
| 6959 | ymt700219660.h1 | keyword:homeobox(8.0e-29) |
| 6960 | 764_10.R1011 | keyword:homeobox(9.0e-68) |

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| 6961 | 12979_1.R1011 | keyword:homeodomain(1.0e-08) |
| 6962 | 55720_1.R1011 | keyword:homeodomain(1.0e-13) |
| 6963 | 156765_1.R1011 | keyword:homeodomain(1.0e-23) |
| 6964 | LIB84-004-Q1-E1-G12 | keyword:homeodomain(1.0e-43) |
| 6965 | uC-zmflmo17265e12b1 | keyword:homeodomain(2.0e-41) |
| 6966 | uC-zmflb73379d12a1 | keyword:homeodomain(4.0e-43) |
| 6967 | 252799_1.R1011 | keyword:homeodomain(5.0e-10) |
| 6968 | uC-zmflmo17366b11a1 | "keyword:homeodomain(5.0e-10),keyword:KNOX(5.0e-10)" |
| 6969 | 114121_1.R1011 | keyword:homeodomain(5.0e-45) |
| 6970 | vux700156878.h1 | "keyword:homeodomain(6.0e-21),keyword:KNOX(6.0e-21)" |
| 6971 | uC-zmflb73148b09a1 | keyword:homeodomain(6.0e-34) |
| 6972 | 98006_1.R1011 | keyword:homeodomain(6.0e-39) |
| 6973 | xmt700261794.h1 | "keyword:homeodomain(8.0e-25),keyword:KNOX(8.0e-25)" |
| 6974 | 110797_1.R1011 | keyword:homeodomain(9.0e-46) |
| 6975 | tzv700203055.h1 | keyword:Leucine-zipper(1.0e-108) |
| 6976 | nbm700472831.h1 | keyword:Leucine-zipper(1.0e-11) |
| 6977 | 7235_1.R1011 | keyword:Leucine-zipper(2.0e-41) |
| 6978 | gct701167790.h1 | keyword:Leucine-zipper(3.0e-31) |
| 6979 | nwy700444490.h1 | keyword:Leucine-zipper(5.0e-39) |
| 6980 | LIB3279-015-P1-K1-C4 | keyword:Leucine-zipper(7.0e-35) |
| 6981 | 105932_1.R1011 | keyword:Leucine-zipper(8.0e-13) |
| 6982 | cyk700051334.fl | keyword:Leucine-zipper(9.0e-10) |
| 6983 | 174_2.R1011 | keyword:Leucine-zipper(9.0e-24) |
| 6984 | LIB3079-042-Q1-K2-G11 | keyword:mads(1.0e-12) |
| 6985 | 113_7.R1011 | keyword:mads(1.0e-24) |
| 6986 | LIB3067-001-Q1-K1-G10 | keyword:mads(1.0e-32) |
| 6987 | uC-zmflb73226h10b1 | keyword:mads(4.0e-25) |
| 6988 | LIB3067-049-Q1-K1-C4 | keyword:mads(5.0e-37) |
| 6989 | LIB3088-010-Q1-K1-B8 | keyword:mads(6.0e-16) |
| 6990 | 543_23.R1011 | keyword:mads(7.0e-12) |
| 6991 | xdb700337712.h1 | keyword:mads(8.0e-14) |
| 6992 | uC-zmflmo17291g03a1 | keyword:myb(1.0e-08) |
| 6993 | 15179_1.R1011 | keyword:myb(1.0e-14) |
| 6994 | 44808_1.R1011 | keyword:myb(1.0e-17) |
| 6995 | uC-zmroteosinte005d12b1 | keyword:myb(1.0e-19) |
| 6996 | 42019_1.R1011 | keyword:myb(1.0e-67) |
| 6997 | xsy700208807.h1 | keyword:myb(2.0e-11) |
| 6998 | uC-zmflb73371h12a1 | keyword:myb(2.0e-12) |
| 6999 | uC-zmflmo17275d11a1 | keyword:myb(2.0e-15) |
| 7000 | 42019_2.R1011 | keyword:myb(2.0e-37) |
| 7001 | 193_1.R1011 | keyword:myb(2.0e-54) |
| 7002 | LIB3136-043-P1-K1-D10 | keyword:myb(3.0e-09) |
| 7003 | wyr700242839.h1 | keyword:myb(4.0e-14) |
| 7004 | LIB143-011-Q1-E1-B9 | keyword:myb(4.0e-22) |
| 7005 | dyk700106429.h1 | keyword:myb(5.0e-09) |
| 7006 | uC-zmflmo17027h03a1 | keyword:myb(6.0e-12) |
| 7007 | 57641_1.R1011 | keyword:myb(6.0e-22) |
| 7008 | 210183_1.R1011 | keyword:myb(7.0e-11) |
| 7009 | zuv700355634.h1 | keyword:myb(7.0e-29) |
| 7010 | uC-zmflb73085c02a1 | keyword:myb(8.0e-16) |

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| 7011 | LIB3062-036-Q1-K1-A9 | keyword:myb(8.0e-19) |
| 7012 | 57004_1.R1011 | keyword:myb(9.0e-16) |
| 7013 | LIB3156-012-Q1-K1-D11 | keyword:myb(9.0e-17) |
| 7014 | 113744_1.R1011 | keyword:Polycomb(2.0e-38) |
| 7015 | 34034_1.R1011 | keyword:scarecrow(4.0e-18) |
| 7016 | LIB3136-011-Q1-K1-G4 | keyword:scarecrow(5.0e-27) |
| 7017 | 8194_2.R1011 | keyword:transcription(0.0e+00) |
| 7018 | cyk700052292.fl | keyword:transcription(1.0e-08) |
| 7019 | wyr700240404.h1 | keyword:transcription(1.0e-08) |
| 7020 | LIB3076-025-Q1-K1-F12 | "keyword:transcription(1.0e-08),keyword:bzip(1.0e-08)" |
| 7021 | 12136_1.R1011 | keyword:transcription(1.0e-09) |
| 7022 | LIB3150-022-Q1-N1-F6 | keyword:transcription(1.0e-09) |
| 7023 | LIB3079-021-Q1-K1-A1 | keyword:transcription(1.0e-10) |
| 7024 | pwr700450313.h1 | keyword:transcription(1.0e-107) |
| 7025 | nwy700447237.h1 | keyword:transcription(1.0e-11) |
| 7026 | 6790_1.R1011 | "keyword:transcription(1.0e-11),keyword:bzip(1.0e-11)" |
| 7027 | nwy700444534.h1 | keyword:transcription(1.0e-111) |
| 7028 | LIB3088-042-Q1-K1-E9 | keyword:transcription(1.0e-12) |
| 7029 | mwy700439921.h1 | keyword:transcription(1.0e-120) |
| 7030 | wen700333684.h1 | keyword:transcription(1.0e-120) |
| 7031 | 8224_1.R1011 | keyword:transcription(1.0e-123) |
| 7032 | ceu700428912.h1 | keyword:transcription(1.0e-135) |
| 7033 | 2609_1.R1011 | keyword:transcription(1.0e-137) |
| 7034 | 242973_1.R1011 | keyword:transcription(1.0e-14) |
| 7035 | LIB3059-056-Q1-K1-E10 | keyword:transcription(1.0e-14) |
| 7036 | ceu700427219.h1 | keyword:transcription(1.0e-14) |
| 7037 | wen700332891.h1 | keyword:transcription(1.0e-140) |
| 7038 | 17665_1.R1011 | keyword:transcription(1.0e-146) |
| 7039 | LIB143-051-Q1-E1-F1 | keyword:transcription(1.0e-15) |
| 7040 | LIB3068-022-Q1-K1-G1 | keyword:transcription(1.0e-15) |
| 7041 | zuv700355690.h1 | keyword:transcription(1.0e-15) |
| 7042 | 1431_2.R1011 | keyword:transcription(1.0e-16) |
| 7043 | 16811_3.R1011 | keyword:transcription(1.0e-16) |
| 7044 | 10_3.R1011 | keyword:transcription(1.0e-17) |
| 7045 | 19324_1.R1011 | "keyword:transcription(1.0e-17),keyword:zinc-finger(1.0e-17)" |
| 7046 | ntr700075928.h1 | keyword:transcription(1.0e-19) |
| 7047 | LIB3068-033-Q1-K1-B8 | "keyword:transcription(1.0e-21),keyword:mads(1.0e-21)" |
| 7048 | 278462_1.R1011 | keyword:transcription(1.0e-22) |
| 7049 | uC-zmflmo17242h08b1 | keyword:transcription(1.0e-22) |
| 7050 | fC-zmst700889690a1 | keyword:transcription(1.0e-26) |
| 7051 | xtj700377427.h1 | keyword:transcription(1.0e-27) |
| 7052 | 41222_1.R1011 | keyword:transcription(1.0e-28) |
| 7053 | LIB3068-015-Q1-K1-D8 | keyword:transcription(1.0e-28) |
| 7054 | LIB3117-006-Q1-K1-D9 | "keyword:transcription(1.0e-29),keyword:mads(1.0e-29)" |
| 7055 | 2746_2.R1011 | "keyword:transcription(1.0e-30),keyword:transcription(1.0e-30)" |
| 7056 | LIB148-002-Q1-E1-E2 | keyword:transcription(1.0e-31) |

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| 7107 | LIB3069-025-Q1-K1-E5 | keyword:transcription(3.0e-14) |
| 7108 | LIB3076-045-Q1-K1-E4 | keyword:transcription(3.0e-14) |
| 7109 | 103429_1.R1011 | "keyword:transcription(3.0e-14),keyword:myb(3.0e-14)" |
| 7110 | 543_41.R1011 | "keyword:transcription(3.0e-15),keyword:Leucine-zipper(3.0e-15)" |
| 7111 | 68498_1.R1011 | keyword:transcription(3.0e-16) |
| 7112 | uC-zmflmo17179d05b1 | "keyword:transcription(3.0e-16),keyword:bzip(3.0e-16)" |
| 7113 | LIB3067-053-Q1-K1-G10 | keyword:transcription(3.0e-17) |
| 7114 | LIB3076-028-Q1-K1-D8 | keyword:transcription(3.0e-18) |
| 7115 | 8178_1.R1011 | keyword:transcription(3.0e-30) |
| 7116 | nwy700448386.h1 | keyword:transcription(3.0e-31) |
| 7117 | 11608_1.R1011 | keyword:transcription(3.0e-41) |
| 7118 | 2657_1.R1011 | keyword:transcription(3.0e-43) |
| 7119 | 5023_3.R1011 | keyword:transcription(3.0e-44) |
| 7120 | 6349_1.R1011 | "keyword:transcription(3.0e-44),keyword:transcription(3.0e-44)" |
| 7121 | ceu700425940.h1 | keyword:transcription(3.0e-51) |
| 7122 | 14201_1.R1011 | keyword:transcription(4.0e-09) |
| 7123 | xyt700343119.h1 | keyword:transcription(4.0e-09) |
| 7124 | 311932_1.R1011 | keyword:transcription(4.0e-12) |
| 7125 | uC-zmflmo17038d06a1 | keyword:transcription(4.0e-12) |
| 7126 | 154114_1.R1011 | keyword:transcription(4.0e-13) |
| 7127 | LIB143-037-Q1-E1-H11 | "keyword:transcription(4.0e-13),keyword:bzip(4.0e-13)" |
| 7128 | 271980_1.R1011 | keyword:transcription(4.0e-16) |
| 7129 | 124369_1.R1011 | keyword:transcription(4.0e-17) |
| 7130 | gwl700614836.h1 | keyword:transcription(4.0e-18) |
| 7131 | LIB3069-032-Q1-K1-C12 | "keyword:transcription(4.0e-18),keyword:mads(4.0e-18)" |
| 7132 | 5023_2.R1011 | "keyword:transcription(4.0e-31),keyword:transcription(4.0e-31)" |
| 7133 | nwy700446918.h1 | keyword:transcription(4.0e-39) |
| 7134 | 2609_2.R1011 | keyword:transcription(4.0e-40) |
| 7135 | pwr700451543.h1 | keyword:transcription(4.0e-40) |
| 7136 | 86434_1.R1011 | "keyword:transcription(4.0e-45),keyword:dna-binding(4.0e-45)" |
| 7137 | 11093_1.R1011 | "keyword:transcription(4.0e-45),keyword:myb(4.0e-45)" |
| 7138 | 55766_1.R1011 | keyword:transcription(4.0e-48) |
| 7139 | 37338_1.R1011 | "keyword:transcription(5.0e-10),keyword:helix-loop-helix(5.0e-10)" |
| 7140 | uC-zmrob73071g10b1 | "keyword:transcription(5.0e-11),keyword:myb(5.0e-11)" |
| 7141 | wyr700237256.h1 | "keyword:transcription(5.0e-11),keyword:zinc-finger(5.0e-11)" |
| 7142 | 82982_1.R1011 | "keyword:transcription(5.0e- |

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| | | 17),keyword:bzip(5.0e-17)" |
| 7143 | ceu700431616.h1 | keyword:transcription(5.0e-18) |
| 7144 | 2169_21.R1011 | keyword:transcription(5.0e-25) |
| 7145 | 91111_1.R1011 | keyword:transcription(5.0e-29) |
| 7146 | 131111_1.R1011 | keyword:transcription(5.0e-30) |
| 7147 | 218278_1.R1011 | keyword:transcription(5.0e-32) |
| 7148 | 5023_1.R1011 | keyword:transcription(5.0e-38) |
| 7149 | nwy700443419.h1 | keyword:transcription(5.0e-40) |
| 7150 | 13158_1.R1011 | "keyword:transcription(5.0e-44),keyword:transcription(5.0e-44)" |
| 7151 | pwr700450159.h1 | keyword:transcription(5.0e-62) |
| 7152 | 92367_1.R1011 | keyword:transcription(5.0e-76) |
| 7153 | fdz701158813.h1 | "keyword:transcription(5.0e-98),keyword:dna-binding(5.0e-98)" |
| 7154 | uC-zmroteosinte047e09b1 | keyword:transcription(6.0e-09) |
| 7155 | 29007_2.R1011 | "keyword:transcription(6.0e-10),keyword:bzip(6.0e-10)" |
| 7156 | uC-zmflb73119b11b1 | "keyword:transcription(6.0e-10),keyword:mads(6.0e-10)" |
| 7157 | nwy700444323.h1 | keyword:transcription(6.0e-11) |
| 7158 | cyk700051948.fl | "keyword:transcription(6.0e-12),keyword:myb(6.0e-12)" |
| 7159 | 203986_1.R1011 | keyword:transcription(6.0e-14) |
| 7160 | LIB3067-002-Q1-K1-B10 | "keyword:transcription(6.0e-14),keyword:mads(6.0e-14)" |
| 7161 | 18919_1.R1011 | keyword:transcription(6.0e-15) |
| 7162 | 16811_2.R1011 | keyword:transcription(6.0e-16) |
| 7163 | LIB3075-033-Q1-K1-G12 | keyword:transcription(6.0e-18) |
| 7164 | zuv700354277.h1 | "keyword:transcription(6.0e-50),keyword:dna-binding(6.0e-50)" |
| 7165 | LIB143-037-Q1-E1-H12 | "keyword:transcription(7.0e-09),keyword:bzip(7.0e-09)" |
| 7166 | 80550_1.R1011 | keyword:transcription(7.0e-12) |
| 7167 | uC-zmflmo17419c07a1 | keyword:transcription(7.0e-13) |
| 7168 | 9875_4.R1011 | keyword:transcription(7.0e-14) |
| 7169 | LIB3069-021-Q1-K1-F10 | keyword:transcription(7.0e-14) |
| 7170 | LIB143-022-Q1-E1-H3 | keyword:transcription(7.0e-15) |
| 7171 | uC-zmflmo17166h10b1 | keyword:transcription(7.0e-21) |
| 7172 | 2449_1.R1011 | keyword:transcription(7.0e-22) |
| 7173 | nbm700471392.h1 | keyword:transcription(7.0e-23) |
| 7174 | 19767_4.R1011 | "keyword:transcription(7.0e-24),keyword:Leucine-zipper(7.0e-24)" |
| 7175 | tfd700570064.h1 | keyword:transcription(7.0e-29) |
| 7176 | cyk700050660.fl | keyword:transcription(7.0e-39) |
| 7177 | LIB148-026-Q1-E1-C5 | keyword:transcription(7.0e-48) |
| 7178 | 11848_1.R1011 | keyword:transcription(7.0e-50) |
| 7179 | 303599_1.R1011 | "keyword:transcription(7.0e-52),keyword:myb(7.0e-52)" |
| 7180 | ceu700433593.h1 | keyword:transcription(7.0e-60) |
| 7181 | 7_6.R1011 | keyword:transcription(7.0e-69) |

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| 7182 | uC-zmrob73044d01a1 | keyword:transcription(8.0e-11) |
| 7183 | LIB3136-005-Q1-K1-H1 | keyword:transcription(8.0e-14) |
| 7184 | rvt700551584.h1 | keyword:transcription(8.0e-14) |
| 7185 | 103772_1.R1011 | keyword:transcription(8.0e-15) |
| 7186 | 3785_1.R1011 | keyword:transcription(8.0e-16) |
| 7187 | 15330_1.R1011 | keyword:transcription(8.0e-17) |
| 7188 | 16811_1.R1011 | keyword:transcription(8.0e-17) |
| 7189 | LIB189-002-Q1-E1-F8 | keyword:transcription(8.0e-19) |
| 7190 | 135317_1.R1011 | keyword:transcription(8.0e-23) |
| 7191 | LIB3180-042-P2-M2-H7 | keyword:transcription(8.0e-23) |
| 7192 | uC-zmroteosinte119b07b1 | keyword:transcription(8.0e-24) |
| 7193 | LIB3068-058-Q1-K1-H12 | keyword:transcription(8.0e-26) |
| 7194 | 6249_3.R1011 | keyword:transcription(8.0e-35) |
| 7195 | uC-zmflmo17288f08b1 | keyword:transcription(8.0e-38) |
| 7196 | 32814_1.R1011 | keyword:transcription(8.0e-42) |
| 7197 | 6_3.R1011 | keyword:transcription(8.0e-42) |
| 7198 | 62098_1.R1011 | keyword:transcription(8.0e-44) |
| 7199 | 349760_1.R1011 | keyword:transcription(8.0e-75) |
| 7200 | 24738_1.R1011 | keyword:transcription(8.0e-81) |
| 7201 | nwy700444094.h1 | keyword:transcription(8.0e-94) |
| 7202 | tfd700572388.h1 | keyword:transcription(9.0e-09) |
| 7203 | nbm700468802.h1 | keyword:transcription(9.0e-12) |
| 7204 | LIB3068-002-Q1-K1-F4 | keyword:transcription(9.0e-16) |
| 7205 | rvt700455926.h1 | "keyword:transcription(9.0e-17),keyword:myb(9.0e-17)" |
| 7206 | LIB3075-027-Q1-K1-G6 | keyword:transcription(9.0e-18) |
| 7207 | fwa700101582.h1 | keyword:transcription(9.0e-22) |
| 7208 | 8195_1.R1011 | "keyword:transcription(9.0e-24),keyword:myb(9.0e-24),keyword:dna-binding(9.0e-24)" |
| 7209 | 6_2.R1011 | keyword:transcription(9.0e-28) |
| 7210 | fC-zmfl700350656f5 | keyword:transcription(9.0e-32) |
| 7211 | 19569_2.R1011 | keyword:transcription(9.0e-39) |
| 7212 | 891_3.R1011 | keyword:transcription(9.0e-40) |
| 7213 | 56396_2.R1011 | keyword:zinc-finger(1.0e-08) |
| 7214 | LIB83-005-Q1-E1-C7 | keyword:zinc-finger(1.0e-08) |
| 7215 | mwy700438785.h1 | keyword:zinc-finger(1.0e-08) |
| 7216 | uC-zmroteosinte015b01b1 | keyword:zinc-finger(1.0e-09) |
| 7217 | 1070_2.R1011 | keyword:zinc-finger(1.0e-10) |
| 7218 | 12540_1.R1011 | keyword:zinc-finger(1.0e-10) |
| 7219 | 141_1.R1011 | keyword:zinc-finger(1.0e-11) |
| 7220 | 303328_1.R1011 | keyword:zinc-finger(1.0e-11) |
| 7221 | xmt700265383.h1 | keyword:zinc-finger(1.0e-11) |
| 7222 | xsy700217136.h1 | keyword:zinc-finger(1.0e-11) |
| 7223 | LIB143-018-Q1-E1-D8 | keyword:zinc-finger(1.0e-12) |
| 7224 | ceu700426732.h1 | keyword:zinc-finger(1.0e-149) |
| 7225 | pwr700451935.h1 | keyword:zinc-finger(1.0e-159) |
| 7226 | tfd700574213.h1 | keyword:zinc-finger(1.0e-159) |
| 7227 | LIB3116-012-Q1-K1-H7 | keyword:zinc-finger(1.0e-20) |
| 7228 | 12060_1.R1011 | keyword:zinc-finger(1.0e-21) |
| 7229 | 95886_1.R1011 | keyword:zinc-finger(1.0e-21) |
| 7230 | qmh700026514.f1 | keyword:zinc-finger(1.0e-21) |
| 7231 | 110514_1.R1011 | keyword:zinc-finger(1.0e-25) |

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| 7232 | 48620_1.R1011 | "keyword:zinc-finger(1.0e-27),keyword:zinc-finger(1.0e-27)" |
| 7233 | 98658_1.R1011 | keyword:zinc-finger(1.0e-29) |
| 7234 | 69092_1.R1011 | keyword:zinc-finger(1.0e-31) |
| 7235 | uC-zmflmo17278c12b1 | keyword:zinc-finger(1.0e-31) |
| 7236 | uC-zmflb73251c10b3 | keyword:zinc-finger(1.0e-32) |
| 7237 | LIB3136-020-Q1-K1-F12 | keyword:zinc-finger(1.0e-46) |
| 7238 | 111402_1.R1011 | keyword:zinc-finger(1.0e-53) |
| 7239 | 38258_1.R1011 | keyword:zinc-finger(1.0e-58) |
| 7240 | ceu700421842.h1 | keyword:zinc-finger(1.0e-69) |
| 7241 | 3705_1.R1011 | keyword:zinc-finger(1.0e-79) |
| 7242 | 315_2.R1011 | keyword:zinc-finger(2.0e-09) |
| 7243 | LIB3068-038-Q1-K1-E9 | keyword:zinc-finger(2.0e-09) |
| 7244 | LIB3088-026-Q1-K1-C10 | keyword:zinc-finger(2.0e-09) |
| 7245 | gct701176142.h1 | keyword:zinc-finger(2.0e-09) |
| 7246 | uC-zmflb73318g12b1 | keyword:zinc-finger(2.0e-09) |
| 7247 | uC-zmflmo17209h09a1 | keyword:zinc-finger(2.0e-09) |
| 7248 | LIB143-066-Q1-E1-D5 | "keyword:zinc-finger(2.0e-09),keyword:zinc-finger(2.0e-09)" |
| 7249 | gct701179745.h1 | keyword:zinc-finger(2.0e-13) |
| 7250 | 139119_1.R1011 | keyword:zinc-finger(2.0e-14) |
| 7251 | 41089_1.R1011 | keyword:zinc-finger(2.0e-14) |
| 7252 | 60441_1.R1011 | keyword:zinc-finger(2.0e-14) |
| 7253 | wyr700240731.h1 | keyword:zinc-finger(2.0e-15) |
| 7254 | pmx700091129.h1 | keyword:zinc-finger(2.0e-16) |
| 7255 | 211826_1.R1011 | keyword:zinc-finger(2.0e-18) |
| 7256 | 4551_1.R1011 | keyword:zinc-finger(2.0e-21) |
| 7257 | 108484_1.R1011 | keyword:zinc-finger(2.0e-22) |
| 7258 | LIB3069-015-Q1-K1-E12 | keyword:zinc-finger(2.0e-22) |
| 7259 | uC-zmflmo17169b05a1 | keyword:zinc-finger(2.0e-23) |
| 7260 | 148963_1.R1011 | keyword:zinc-finger(2.0e-25) |
| 7261 | afb700381219.h1 | "keyword:zinc-finger(2.0e-25),keyword:dna-binding(2.0e-25)" |
| 7262 | uC-zmromo17114a10a1 | keyword:zinc-finger(2.0e-26) |
| 7263 | 235707_1.R1011 | keyword:zinc-finger(2.0e-44) |
| 7264 | uC-zmflmo17045b02b1 | keyword:zinc-finger(2.0e-51) |
| 7265 | 33948_1.R1011 | keyword:zinc-finger(2.0e-55) |
| 7266 | 45561_1.R1011 | keyword:zinc-finger(2.0e-72) |
| 7267 | 5627_1.R1011 | keyword:zinc-finger(2.0e-84) |
| 7268 | uC-zmflmo17255d06a1 | keyword:zinc-finger(2.0e-84) |
| 7269 | 34802_1.R1011 | keyword:zinc-finger(3.0e-10) |
| 7270 | 6756_1.R1011 | keyword:zinc-finger(3.0e-10) |
| 7271 | qmh700029080.f1 | keyword:zinc-finger(3.0e-10) |
| 7272 | LIB3180-001-P1-M1-G11 | keyword:zinc-finger(3.0e-13) |
| 7273 | uC-zmflb73291a01b1 | keyword:zinc-finger(3.0e-13) |
| 7274 | uC-zmflm017214f03b1 | keyword:zinc-finger(3.0e-15) |
| 7275 | fdz701163081.h1 | keyword:zinc-finger(3.0e-17) |
| 7276 | wen700335463.h1 | keyword:zinc-finger(3.0e-17) |
| 7277 | 241453_1.R1011 | keyword:zinc-finger(3.0e-18) |
| 7278 | 8180_1.R1011 | keyword:zinc-finger(3.0e-18) |
| 7279 | fdz701160396.h1 | keyword:zinc-finger(3.0e-20) |

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| 7280 | 320594_1.R1011 | keyword:zinc-finger(3.0e-21) |
| 7281 | 8146_5.R1011 | keyword:zinc-finger(3.0e-32) |
| 7282 | uC-zmroteosinte040b03b1 | keyword:zinc-finger(3.0e-39) |
| 7283 | LIB3152-040-P1-K1-E9 | keyword:zinc-finger(4.0e-09) |
| 7284 | xsy700210857.h1 | keyword:zinc-finger(4.0e-09) |
| 7285 | LIB3076-047-Q1-K1-B9 | keyword:zinc-finger(4.0e-10) |
| 7286 | 21287_1.R1011 | keyword:zinc-finger(4.0e-19) |
| 7287 | hbs701181114.h1 | keyword:zinc-finger(4.0e-19) |
| 7288 | LIB3059-045-Q1-K1-E6 | keyword:zinc-finger(4.0e-20) |
| 7289 | ypc700799261.h1 | keyword:zinc-finger(4.0e-23) |
| 7290 | uC-zmrob73055c11b1 | keyword:zinc-finger(4.0e-33) |
| 7291 | 301563_1.R1011 | keyword:zinc-finger(4.0e-35) |
| 7292 | LIB3061-056-Q1-K1-B6 | keyword:zinc-finger(4.0e-44) |
| 7293 | 36891_1.R1011 | keyword:zinc-finger(4.0e-54) |
| 7294 | 6485_1.R1011 | keyword:zinc-finger(4.0e-77) |
| 7295 | 6093_1.R1011 | keyword:zinc-finger(5.0e-09) |
| 7296 | fC-zmfl700350656f6 | keyword:zinc-finger(5.0e-17) |
| 7297 | uC-zmflb73222c08a1 | keyword:zinc-finger(5.0e-26) |
| 7298 | wen700332218.h1 | keyword:zinc-finger(6.0e-09) |
| 7299 | LIB189-032-Q1-E1-E9 | "keyword:zinc-finger(6.0e-10),keyword:zinc-finger(6.0e-10)" |
| 7300 | 315_1.R1011 | keyword:zinc-finger(6.0e-13) |
| 7301 | 125831_1.R1011 | keyword:zinc-finger(6.0e-15) |
| 7302 | wyr700240174.h1 | keyword:zinc-finger(6.0e-20) |
| 7303 | 167506_1.R1011 | keyword:zinc-finger(6.0e-24) |
| 7304 | yyf700348065.h1 | keyword:zinc-finger(6.0e-25) |
| 7305 | 38258_3.R1011 | keyword:zinc-finger(6.0e-47) |
| 7306 | 38258_2.R1011 | keyword:zinc-finger(7.0e-09) |
| 7307 | LIB3181-003-P1-M1-B8 | keyword:zinc-finger(7.0e-09) |
| 7308 | 15618_1.R1011 | keyword:zinc-finger(7.0e-12) |
| 7309 | cyk700051804.f1 | keyword:zinc-finger(7.0e-15) |
| 7310 | 29327_1.R1011 | keyword:zinc-finger(7.0e-19) |
| 7311 | wen700333650.h1 | keyword:zinc-finger(7.0e-37) |
| 7312 | LIB3069-021-Q1-K1-B7 | keyword:zinc-finger(8.0e-12) |
| 7313 | uC-zmrob73066a07b1 | keyword:zinc-finger(8.0e-16) |
| 7314 | ceu700434640.h1 | keyword:zinc-finger(8.0e-17) |
| 7315 | kem700612172.h1 | keyword:zinc-finger(8.0e-19) |
| 7316 | 52214_1.R1011 | keyword:zinc-finger(8.0e-22) |
| 7317 | 98658_2.R1011 | keyword:zinc-finger(8.0e-22) |
| 7318 | 38258_5.R1011 | keyword:zinc-finger(8.0e-31) |
| 7319 | 21203_1.R1011 | keyword:zinc-finger(8.0e-47) |
| 7320 | uC-zmflb73091f05b2 | keyword:zinc-finger(9.0e-16) |
| 7321 | hbs701183413.h1 | krab(HMM:3.6e-05) |
| 7322 | LIB148-007-Q1-E1-H9 | lim(HMM:0.0007) |
| 7323 | LIB3066-032-Q1-K1-B12 | lim(HMM:0.001) |
| 7324 | 211710_1.R1011 | lim(HMM:0.0021) |
| 7325 | LIB3075-048-Q1-K1-D11 | lim(HMM:0.055) |
| 7326 | uC-zmroteosinte017b09b1 | lim(HMM:0.097) |
| 7327 | gct701174937.h1 | lim(HMM:0.16) |
| 7328 | 101_4.R1011 | lim(HMM:0.35) |
| 7329 | pmx700086732.h1 | lim(HMM:0.42) |
| 7330 | 1647_2.R1011 | lim(HMM:1.2e-31) |
| 7331 | 106476_1.R1011 | lim(HMM:1.3e-11) |

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| 7332 | g3341091 | lim(HMM:1.7e-11) |
| 7333 | 1647_4.R1011 | lim(HMM:1.9e-14) |
| 7334 | fC-zmle700870883a1 | lim(HMM:1.9e-14) |
| 7335 | uC-zmflmo17303c04b1 | lim(HMM:1e-21) |
| 7336 | 1647_3.R1011 | lim(HMM:2.2e-14) |
| 7337 | 1647_1.R1011 | lim(HMM:2.2e-32) |
| 7338 | wyr700235386.h1 | lim(HMM:3.1e-06) |
| 7339 | xsy700208410.h1 | lim(HMM:3.9e-12) |
| 7340 | uC-zmflmo17169d03a1 | lim(HMM:3.9e-22) |
| 7341 | fdz701158756.h1 | lim(HMM:4.4e-09) |
| 7342 | pwr700450670.h1 | lim(HMM:4.7e-10) |
| 7343 | 94503_1.R1011 | lim(HMM:4.9e-14) |
| 7344 | 101_2.R1011 | lim(HMM:4e-14) |
| 7345 | hbs701182729.h1 | lim(HMM:5.2e-06) |
| 7346 | 101_1.R1011 | lim(HMM:8.3e-33) |
| 7347 | 83525_1.R1011 | lim(HMM:8e-32) |
| 7348 | 756_8.R1011 | linker_histone(HMM:0.00018) |
| 7349 | LIB3137-001-Q1-K1-A5 | linker_histone(HMM:0.00022) |
| 7350 | uC-zmflb73178a11b1 | linker_histone(HMM:0.00047) |
| 7351 | 756_3.R1011 | linker_histone(HMM:0.00052) |
| 7352 | LIB3150-101-P1-N1-A3 | linker_histone(HMM:0.0076) |
| 7353 | LIB3076-019-Q1-K1-B5 | linker_histone(HMM:0.0096) |
| 7354 | uC-zmflmo17069f02b1 | linker_histone(HMM:0.36) |
| 7355 | g4585618 | linker_histone(HMM:1.1e-22) |
| 7356 | 666_2.R1011 | linker_histone(HMM:1.5e-30) |
| 7357 | uC-zmflmo17308b11b1 | linker_histone(HMM:1.6e-05) |
| 7358 | LIB3069-035-Q1-K1-A11 | linker_histone(HMM:1.9e-10) |
| 7359 | g5268367 | linker_histone(HMM:1.9e-23) |
| 7360 | 14297_1.R1011 | linker_histone(HMM:1.9e-34) |
| 7361 | 4905_2.R1011 | linker_histone(HMM:1e-24) |
| 7362 | 180_1.R1011 | "linker_histone(HMM:2.7e-07),myb_dna-binding(HMM:6.5e-05)" |
| 7363 | rvt700550793.h1 | linker_histone(HMM:2.9) |
| 7364 | 756_4.R1011 | linker_histone(HMM:3.4e-33) |
| 7365 | 19893_2.R1011 | linker_histone(HMM:4.3e-05) |
| 7366 | LIB3076-020-Q1-K1-B1 | linker_histone(HMM:4e-07) |
| 7367 | 19893_1.R1011 | linker_histone(HMM:5.5e-22) |
| 7368 | 4905_1.R1011 | linker_histone(HMM:5e-33) |
| 7369 | 14369_1.R1011 | "linker_histone(HMM:8.1e-10),myb_dna-binding(HMM:2.1e-05)" |
| 7370 | LIB3067-044-Q1-K1-F9 | linker_histone(HMM:8.4) |
| 7371 | uC-zmflmo17153e05b1 | linker_histone(HMM:8.6) |
| 7372 | 756_1.R1011 | linker_histone(HMM:9.6e-35) |
| 7373 | 108800_1.R1011 | linker_histone(HMM:9.7e-13) |
| 7374 | tzu700203222.h1 | myb_dna-binding(HMM:0.00013) |
| 7375 | 1086_2.R1011 | myb_dna-binding(HMM:0.0002) |
| 7376 | 92085_1.R1011 | myb_dna-binding(HMM:0.00023) |
| 7377 | 119067_1.R1011 | myb_dna-binding(HMM:0.00025) |
| 7378 | 235108_1.R1011 | myb_dna- |

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| 7379 | 6030_1.R1011 | binding(HMM:0.00026) |
| 7380 | uwc700151452.h1 | myb_dna-binding(HMM:0.00049) |
| 7381 | 47690_1.R1011 | myb_dna-binding(HMM:0.00086) |
| 7382 | g3157223 | myb_dna-binding(HMM:0.00096) |
| 7383 | 129899_1.R1011 | myb_dna-binding(HMM:0.001) |
| 7384 | 9893_3.R1011 | myb_dna-binding(HMM:0.0012) |
| 7385 | uC-zmflb73085c02b2 | myb_dna-binding(HMM:0.0019) |
| 7386 | 242350_1.R1011 | myb_dna-binding(HMM:0.0021) |
| 7387 | 965_13.R1011 | myb_dna-binding(HMM:0.0024) |
| 7388 | uC-zmrob73057g12a1 | myb_dna-binding(HMM:0.0025) |
| 7389 | 141721_1.R1011 | myb_dna-binding(HMM:0.0026) |
| 7390 | 111722_1.R1011 | myb_dna-binding(HMM:0.0027) |
| 7391 | wty700167056.h1 | myb_dna-binding(HMM:0.003) |
| 7392 | 13671_1.R1011 | myb_dna-binding(HMM:0.0063) |
| 7393 | ymt700219745.h1 | myb_dna-binding(HMM:0.013) |
| 7394 | 100888_1.R1011 | myb_dna-binding(HMM:0.015) |
| 7395 | LIB3150-093-P1-N1-A8 | myb_dna-binding(HMM:0.034) |
| 7396 | 56162_2.R1011 | myb_dna-binding(HMM:0.059) |
| 7397 | rvt700550259.h1 | myb_dna-binding(HMM:0.067) |
| 7398 | 3037_1.R1011 | myb_dna-binding(HMM:0.087) |
| 7399 | wty700170367.h1 | myb_dna-binding(HMM:0.1) |
| 7400 | 62090_2.R1011 | myb_dna-binding(HMM:0.11) |
| 7401 | 9893_2.R1011 | myb_dna-binding(HMM:0.13) |
| 7402 | ypc700805836.h1 | myb_dna-binding(HMM:0.14) |
| 7403 | 1124_5.R1011 | myb_dna-binding(HMM:0.18) |
| 7404 | fixb700397574.h1 | myb_dna-binding(HMM:0.27) |
| 7405 | uC-zmflmo17344c12b1 | myb_dna-binding(HMM:0.43) |
| 7406 | 1124_3.R1011 | myb_dna-binding(HMM:0.44) |
| 7407 | LIB3079-030-Q1-K1-F3 | myb_dna-binding(HMM:1.1e-10) |
| 7408 | tzu700203377.h1 | myb_dna-binding(HMM:1.1e-10) |
| 7409 | 18719_1.R1011 | myb_dna-binding(HMM:1.2e-21) |
| 7410 | 18719_2.R1011 | myb_dna-binding(HMM:1.3e-10) |
| 7411 | ceu700422519.h1 | myb_dna-binding(HMM:1.3e-10) |
| 7412 | uer700577328.h1 | myb_dna-binding(HMM:1.4e-16) |
| 7413 | 86820_1.R1011 | myb_dna-binding(HMM:1.4e-17) |
| 7414 | g1491932 | myb_dna-binding(HMM:1.4e-21) |
| 7415 | g168589 | myb_dna-binding(HMM:1.4e-45) |
| 7416 | 196036_1.R1011 | myb_dna-binding(HMM:1.4e-45) |
| 7417 | 49266_1.R1011 | myb_dna-binding(HMM:1.5e-08) |
| 7418 | 134451_1.R1011 | myb_dna-binding(HMM:1.5e-16) |
| 7419 | LIB3151-057-Q1-K1-E8 | myb_dna-binding(HMM:1.6e-10) |
| 7420 | g168591 | myb_dna-binding(HMM:1.6e-20) |
| 7421 | 965_23.R1011 | myb_dna-binding(HMM:1.7e-22) |
| 7422 | 14894_1.R1011 | myb_dna-binding(HMM:1.7e-42) |
| 7423 | 81644_2.R1011 | myb_dna-binding(HMM:1.8e-40) |
| 7424 | 35267_2.R1011 | myb_dna-binding(HMM:1.9e-05) |
| 7425 | gct701176532.h1 | myb_dna-binding(HMM:1.9e-06) |
| 7426 | uC-zmroB73017f11b1 | myb_dna-binding(HMM:1.9e-11) |
| 7427 | 71261_1.R1011 | myb_dna-binding(HMM:1.9e-11) |
| 7428 | uC-zmflb73162h04b2 | myb_dna-binding(HMM:1.9e-37) |
| | | myb_dna-binding(HMM:1e-07) |

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| 7429 | 116851_1.R1011 | myb_dna-binding(HMM:2.1e-10) |
| 7430 | uC-zmrob73076b09b1 | myb_dna-binding(HMM:2.1e-12) |
| 7431 | 43747_1.R1011 | myb_dna-binding(HMM:2.1e-35) |
| 7432 | 11369_2.R1011 | myb_dna-binding(HMM:2.2e-07) |
| 7433 | LIB3180-030-P2-M2-G3 | myb_dna-binding(HMM:2.2e-07) |
| 7434 | 8195_2.R1011 | myb_dna-binding(HMM:2.3e-09) |
| 7435 | 47781_1.R1011 | myb_dna-binding(HMM:2.4e-19) |
| 7436 | uC-zmflmo17394f11a1 | myb_dna-binding(HMM:2.4e-27) |
| 7437 | 35267_1.R1011 | myb_dna-binding(HMM:2.4e-39) |
| 7438 | 37039_3.R1011 | myb_dna-binding(HMM:2.4e-44) |
| 7439 | 119527_1.R1011 | myb_dna-binding(HMM:2.5e-11) |
| 7440 | 1086_1.R1011 | myb_dna-binding(HMM:2.5e-24) |
| 7441 | uC-zmflb73143e02b1 | myb_dna-binding(HMM:2.5e-42) |
| 7442 | 211273_1.R1011 | myb_dna-binding(HMM:2.6e-06) |
| 7443 | 360_1.R1011 | myb_dna-binding(HMM:2.6e-11) |
| 7444 | ypc700802849.h1 | myb_dna-binding(HMM:2.6e-20) |
| 7445 | wyr700237918.h1 | myb_dna-binding(HMM:2.7e-06) |
| 7446 | wyr700243864.h1 | myb_dna-binding(HMM:2.8e-05) |
| 7447 | LIB3078-013-Q1-K1-H9 | myb_dna-binding(HMM:2.8e-11) |
| 7448 | 14894_3.R1011 | myb_dna-binding(HMM:2.9e-41) |
| 7449 | 1334_1.R1011 | myb_dna-binding(HMM:3.4) |
| 7450 | qmh700027865.f1 | myb_dna-binding(HMM:3.7e-05) |
| 7451 | tzu700204208.h1 | myb_dna-binding(HMM:3.7e-14) |
| 7452 | 92525_1.R1011 | myb_dna-binding(HMM:3e-45) |
| 7453 | wty700171752.h1 | myb_dna-binding(HMM:4.1e-07) |
| 7454 | 14894_2.R1011 | myb_dna-binding(HMM:4.1e-39) |
| 7455 | 9893_4.R1011 | myb_dna-binding(HMM:4.4) |
| 7456 | 46504_1.R1011 | "myb_dna-binding(HMM:4.5e-08),zz(HMM:1.2e-11)" |
| 7457 | uC-zmrob73011a04b1 | myb_dna-binding(HMM:4.5e-15) |
| 7458 | 120679_1.R1011 | myb_dna-binding(HMM:4.7e-37) |
| 7459 | uC-zmflmo17176a01b1 | myb_dna-binding(HMM:4.8e-19) |
| 7460 | uC-zmflb73017a03b1 | myb_dna-binding(HMM:4.8e-21) |
| 7461 | 8195_3.R1011 | myb_dna-binding(HMM:4.9e-10) |
| 7462 | 37039_4.R1011 | myb_dna-binding(HMM:4.9e-23) |
| 7463 | 136974_1.R1011 | myb_dna-binding(HMM:4e-09) |
| 7464 | 44418_1.R1011 | myb_dna-binding(HMM:4e-12) |
| 7465 | g5268844 | myb_dna-binding(HMM:4e-41) |
| 7466 | 224582_1.R1011 | myb_dna-binding(HMM:5.4e-23) |
| 7467 | 278384_1.R1011 | myb_dna-binding(HMM:5.6e-19) |
| 7468 | 44418_2.R1011 | myb_dna-binding(HMM:5.8e-06) |
| 7469 | vux700159730.h1 | myb_dna-binding(HMM:5.9e-10) |
| 7470 | 133302_1.R1011 | myb_dna-binding(HMM:5.9e-41) |
| 7471 | uC-zmflmo17173b11b1 | myb_dna-binding(HMM:5e-11) |
| 7472 | 65645_1.R1011 | myb_dna-binding(HMM:6.4e-40) |
| 7473 | 180_3.R1011 | myb_dna-binding(HMM:6.5e-05) |
| 7474 | 3753_1.R1011 | myb_dna-binding(HMM:6.6e-05) |
| 7475 | 3005_5.R1011 | myb_dna-binding(HMM:6.6e-16) |
| 7476 | pwr700450354.h1 | myb_dna-binding(HMM:6.6e-20) |
| 7477 | uC-zmflmo17052e02b1 | myb_dna-binding(HMM:6e-25) |
| 7478 | LIB84-023-Q1-E1-D6 | myb_dna-binding(HMM:7.4e-12) |
| 7479 | 224186_1.R1011 | myb_dna-binding(HMM:7.5e-09) |
| 7480 | uC-zmflB73025b03b2 | myb_dna-binding(HMM:7.5e-35) |
| 7481 | 111964_1.R1011 | myb_dna-binding(HMM:7.6e-39) |

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| 7482 | 354078_1.R1011 | myb_dna-binding(HMM:7.8e-09) |
| 7483 | uC-zmflb73234b10b2 | myb_dna-binding(HMM:8.1e-13) |
| 7484 | LIB189-026-Q1-E1-F3 | myb_dna-binding(HMM:8.2e-22) |
| 7485 | 81644_1.R1011 | myb_dna-binding(HMM:8.6e-20) |
| 7486 | 63048_1.R1011 | myb_dna-binding(HMM:8.7e-11) |
| 7487 | qmh700026342.fl | myb_dna-binding(HMM:8.9e-21) |
| 7488 | 9893_1.R1011 | myb_dna-binding(HMM:9.1e-15) |
| 7489 | 37039_2.R1011 | myb_dna-binding(HMM:9.3e-45) |
| 7490 | xsy700211270.h1 | myb_dna-binding(HMM:9.4e-20) |
| 7491 | fC-zmro700835640fl | myb_dna-binding(HMM:9.9) |
| 7492 | pwr700451947.h1 | myc_n_term(HMM:1.3e-07) |
| 7493 | LIB3062-027-Q1-K1-G5 | nam(HMM:0.00016) |
| 7494 | 126476_1.R1011 | nam(HMM:0.00025) |
| 7495 | wyr700240279.h1 | nam(HMM:0.00045) |
| 7496 | 108682_1.R1011 | nam(HMM:0.00048) |
| 7497 | tfd700574820.h1 | nam(HMM:0.0008) |
| 7498 | LIB3060-045-Q1-K1-G6 | nam(HMM:0.0013) |
| 7499 | xsy700208075.h1 | nam(HMM:0.0013) |
| 7500 | LIB3060-022-Q1-K1-C4 | nam(HMM:0.0027) |
| 7501 | 95404_1.R1011 | nam(HMM:0.0029) |
| 7502 | 54370_1.R1011 | nam(HMM:0.0038) |
| 7503 | 45380_1.R1011 | nam(HMM:0.0041) |
| 7504 | LIB3060-029-Q1-K1-C8 | nam(HMM:0.01) |
| 7505 | 134883_1.R1011 | nam(HMM:0.027) |
| 7506 | 201218_1.R1011 | nam(HMM:0.052) |
| 7507 | LIB3117-005-Q1-K1-A2 | nam(HMM:0.2) |
| 7508 | wyr700235447.h1 | nam(HMM:0.22) |
| 7509 | LIB3137-041-Q1-K1-C9 | nam(HMM:0.27) |
| 7510 | 206869_1.R1011 | nam(HMM:0.72) |
| 7511 | 301_1.R1011 | nam(HMM:1.1e-06) |
| 7512 | uC-zmrob73057e10a1 | nam(HMM:1.1e-06) |
| 7513 | 73768_1.R1011 | nam(HMM:1.1e-48) |
| 7514 | 124375_1.R1011 | nam(HMM:1.1e-71) |
| 7515 | wyr700243269.h1 | nam(HMM:1.2) |
| 7516 | LIB3088-025-Q1-K1-E9 | nam(HMM:1.2e-06) |
| 7517 | LIB3069-033-Q1-K1-B10 | nam(HMM:1.4) |
| 7518 | LIB3151-016-Q1-K1-D2 | nam(HMM:1.4e-15) |
| 7519 | 19925_2.R1011 | nam(HMM:1.4e-80) |
| 7520 | 242069_1.R1011 | nam(HMM:1.5e-18) |
| 7521 | 62754_1.R1011 | nam(HMM:1.6e-09) |
| 7522 | 215216_1.R1011 | nam(HMM:1.6e-12) |
| 7523 | 202414_1.R1011 | nam(HMM:1.7e-36) |
| 7524 | uwc700150130.h1 | nam(HMM:1e-10) |
| 7525 | uC-zmflmo17132d12b1 | nam(HMM:2.1) |
| 7526 | 10371_3.R1011 | nam(HMM:2.1e-22) |
| 7527 | 46032_4.R1011 | nam(HMM:2.3) |
| 7528 | cyk700051638.fl | nam(HMM:2.3e-13) |
| 7529 | ymt700219252.h1 | nam(HMM:2.5e-13) |
| 7530 | qmh700028170.fl | nam(HMM:2.6e-08) |
| 7531 | vux700157267.h1 | nam(HMM:2.6e-08) |
| 7532 | 24806_3.R1011 | nam(HMM:2.7e-83) |
| 7533 | 12221_1.R1011 | nam(HMM:2.8e-41) |
| 7534 | 24806_2.R1011 | nam(HMM:2.8e-67) |
| 7535 | dyk700102188.h1 | nam(HMM:2.9) |

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| 7536 | uwc700149818.h1 | nam(HMM:3.1e-11) |
| 7537 | 970_6.R1011 | nam(HMM:3.1e-37) |
| 7538 | g5555593 | nam(HMM:3.2e-64) |
| 7539 | 30619_1.R1011 | nam(HMM:3.3e-79) |
| 7540 | 207681_1.R1011 | nam(HMM:3.5) |
| 7541 | uC-zmflmo17160c10b1 | nam(HMM:3.5e-09) |
| 7542 | uC-zmflmo17336e02b1 | nam(HMM:3.7) |
| 7543 | LIB3115-029-P1-K1-F7 | nam(HMM:3.7e-16) |
| 7544 | LIB3136-019-Q1-K1-C9 | nam(HMM:3.8e-05) |
| 7545 | 371645_1.R1011 | nam(HMM:4.5e-08) |
| 7546 | 120771_1.R1011 | nam(HMM:4.5e-36) |
| 7547 | ymt700221866.h1 | nam(HMM:4.6e-10) |
| 7548 | uC-zmrob73050h05b1 | nam(HMM:4.8e-75) |
| 7549 | 24806_1.R1011 | nam(HMM:4.8e-80) |
| 7550 | uC-zmrob73012a06b1 | nam(HMM:4e-22) |
| 7551 | 219835_1.R1011 | nam(HMM:5.1e-09) |
| 7552 | LIB3182-009-P2-M1-B4 | nam(HMM:5.2e-07) |
| 7553 | 2917_1.R1011 | nam(HMM:5.3) |
| 7554 | LIB3116-004-Q1-K2-F7 | nam(HMM:5.7e-08) |
| 7555 | qmh700029568.fl | nam(HMM:5.8) |
| 7556 | 115174_1.R1011 | nam(HMM:5.8e-34) |
| 7557 | LIB3182-016-P2-M1-F1 | nam(HMM:6.1e-06) |
| 7558 | LIB3066-040-Q1-K1-A5 | nam(HMM:6.2e-05) |
| 7559 | wyr700239811.h1 | nam(HMM:6.2e-06) |
| 7560 | 205197_2.R1011 | nam(HMM:6.3e-11) |
| 7561 | tzu700201601.h1 | nam(HMM:6.8) |
| 7562 | hbs701182246.h1 | nam(HMM:6.8e-05) |
| 7563 | 121716_1.R1011 | nam(HMM:6.9e-06) |
| 7564 | xmt700265206.h1 | nam(HMM:6.9e-39) |
| 7565 | 10371_1.R1011 | nam(HMM:6.9e-77) |
| 7566 | LIB3150-079-P1-N1-E4 | nam(HMM:7.7e-16) |
| 7567 | 19925_3.R1011 | nam(HMM:7.9e-27) |
| 7568 | LIB3076-012-Q1-K1-F12 | nam(HMM:8.1e-08) |
| 7569 | 205197_1.R1011 | nam(HMM:8.3e-14) |
| 7570 | uC-zmflb73083h12b2 | nam(HMM:8.4e-08) |
| 7571 | uC-zmflmo170114g01b1 | nam(HMM:8.4e-37) |
| 7572 | 970_5.R1011 | nam(HMM:8.5e-43) |
| 7573 | LIB3151-013-Q1-K1-H9 | nam(HMM:9.3e-32) |
| 7574 | uC-zmflb73187e11b1 | nam(HMM:9.7e-13) |
| 7575 | 163322_1.R1011 | nam(HMM:9.9e-10) |
| 7576 | 118388_1.R1011 | nam(HMM:9.9e-20) |
| 7577 | wty700168653.h1 | nam(HMM:9e-06) |
| 7578 | uC-zmflmo17283a03b1 | nam(HMM:9e-09) |
| 7579 | 7647_3.R1011 | nap_family(HMM:0.0004) |
| 7580 | 21318_2.R1011 | nap_family(HMM:0.0019) |
| 7581 | LIB3059-023-Q1-K1-G2 | nap_family(HMM:0.0027) |
| 7582 | LIB3150-108-P2-K1-C6 | nap_family(HMM:0.004) |
| 7583 | 15810_1.R1011 | nap_family(HMM:1.3e-09) |
| 7584 | 6060_1.R1011 | nap_family(HMM:1.5e-13) |
| 7585 | 7647_1.R1011 | nap_family(HMM:1.5e-28) |
| 7586 | LIB3150-004-Q1-N1-D4 | nap_family(HMM:1.7e-09) |
| 7587 | 21318_1.R1011 | nap_family(HMM:2.3e-136) |
| 7588 | 7647_2.R1011 | nap_family(HMM:3.7e-11) |
| 7589 | LIB3062-040-Q1-K1-G7 | nap_family(HMM:6.7e-16) |

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| 7590 | g4885774 | nap_family(HMM:6e-10) |
| 7591 | xyt700343958.h1 | nap_family(HMM:9.8e-09) |
| 7592 | rvt700552474.h1 | nap_family(HMM:9e-14) |
| 7593 | 71771_1.R1011 | nap_family(HMM:9e-29) |
| 7594 | tzu700201204.h1 | phd(HMM:0.00027) |
| 7595 | 19796_2.R1011 | phd(HMM:0.00028) |
| 7596 | 18004_1.R1011 | phd(HMM:0.00053) |
| 7597 | uC-zmflb73180d03b1 | "phd(HMM:0.00077),zf-c3hc4(HMM:0.0007)" |
| 7598 | 32_1.R1011 | phd(HMM:0.0026) |
| 7599 | 113229_1.R1011 | phd(HMM:0.0042) |
| 7600 | 111362_1.R1011 | phd(HMM:0.0056) |
| 7601 | 65252_1.R1011 | phd(HMM:0.0062) |
| 7602 | 839_9.R1011 | phd(HMM:0.0072) |
| 7603 | sem700930118.h1 | phd(HMM:0.0072) |
| 7604 | 133965_1.R1011 | phd(HMM:0.01) |
| 7605 | 35755_1.R1011 | phd(HMM:0.045) |
| 7606 | 227366_1.R1011 | phd(HMM:0.11) |
| 7607 | 39_1.R1011 | phd(HMM:0.11) |
| 7608 | LIB3076-004-Q1-K1-D10 | phd(HMM:0.11) |
| 7609 | 161337_1.R1011 | phd(HMM:0.12) |
| 7610 | 24_1.R1011 | phd(HMM:0.13) |
| 7611 | 96044_1.R1011 | phd(HMM:0.15) |
| 7612 | 133844_1.R1011 | "phd(HMM:0.16),zf-c3hc4(HMM:2.1e-08)" |
| 7613 | g5006147 | phd(HMM:0.18) |
| 7614 | g511367 | phd(HMM:0.29) |
| 7615 | uC-zmflb73232a09b1 | phd(HMM:0.49) |
| 7616 | rvt700549516.h1 | phd(HMM:1.1e-09) |
| 7617 | g4938805 | phd(HMM:1.2e-05) |
| 7618 | 5182_2.R1011 | phd(HMM:1.2e-10) |
| 7619 | 33917_1.R1011 | phd(HMM:1.2e-11) |
| 7620 | 18361_3.R1011 | phd(HMM:1.4e-12) |
| 7621 | LIB3059-004-Q1-K1-G10 | phd(HMM:1.5e-05) |
| 7622 | 18361_6.R1011 | phd(HMM:1.5e-12) |
| 7623 | LIB3079-026-Q1-K1-C12 | phd(HMM:1.5e-13) |
| 7624 | 33_1.R1011 | phd(HMM:1.7e-26) |
| 7625 | 33_2.R1011 | phd(HMM:1.8e-06) |
| 7626 | 37_1.R1011 | phd(HMM:2.1e-17) |
| 7627 | 33917_2.R1011 | phd(HMM:2.2e-11) |
| 7628 | 170811_1.R1011 | phd(HMM:2.4e-11) |
| 7629 | 31_1.R1011 | phd(HMM:2.7e-10) |
| 7630 | 80836_1.R1011 | phd(HMM:2.9e-06) |
| 7631 | 85816_1.R1011 | phd(HMM:3.1) |
| 7632 | 149233_1.R1011 | phd(HMM:3.3e-11) |
| 7633 | 2345_1.R1011 | phd(HMM:3.4e-12) |
| 7634 | 34_1.R1011 | phd(HMM:3.9e-10) |
| 7635 | 12886_1.R1011 | "phd(HMM:4.6e-11),zf-c3hc4(HMM:0.11)" |
| 7636 | 65563_1.R1011 | phd(HMM:4e-06) |
| 7637 | 4863_1.R1011 | phd(HMM:4e-11) |
| 7638 | 53455_1.R1011 | phd(HMM:5.6e-12) |
| 7639 | 19796_1.R1011 | phd(HMM:6.9e-11) |
| 7640 | 5182_1.R1011 | phd(HMM:7.9e-11) |

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| 7641 | ypc700806368.h1 | response_reg(HMM:0.00012) |
| 7642 | 65085_2.R1011 | response_reg(HMM:0.00013) |
| 7643 | LIB3180-050-P2-M1-A9 | response_reg(HMM:0.00014) |
| 7644 | uC-zmflmo17226h04a1 | response_reg(HMM:0.00041) |
| 7645 | uC-zmrob73055d04b1 | response_reg(HMM:0.0014) |
| 7646 | 130_2.R1011 | response_reg(HMM:0.0032) |
| 7647 | ymt700223944.h1 | response_reg(HMM:0.0039) |
| 7648 | LIB3079-004-Q1-K1-A2 | response_reg(HMM:0.0064) |
| 7649 | xjt700094034.h1 | response_reg(HMM:0.0081) |
| 7650 | LIB3079-022-Q1-K1-C1 | response_reg(HMM:1.1e-05) |
| 7651 | 65085_1.R1011 | response_reg(HMM:1.2) |
| 7652 | 337940_1.R1011 | response_reg(HMM:1.2e-14) |
| 7653 | 92601_1.R1011 | response_reg(HMM:1.3e-31) |
| 7654 | 451_2.R1011 | response_reg(HMM:1.4e-28) |
| 7655 | uC-zmflmo17122e02b1 | response_reg(HMM:1.6e-06) |
| 7656 | uC-zmflb73145a08b1 | response_reg(HMM:1.7e-23) |
| 7657 | 16902_1.R1011 | response_reg(HMM:1.7e-27) |
| 7658 | 127220_1.R1011 | response_reg(HMM:1.9e-25) |
| 7659 | 40825_1.R1011 | response_reg(HMM:1e-21) |
| 7660 | 39702_1.R1011 | response_reg(HMM:2.1e-33) |
| 7661 | 93258_1.R1011 | response_reg(HMM:2.7e-15) |
| 7662 | 130_1.R1011 | response_reg(HMM:2e-24) |
| 7663 | 85312_1.R1011 | response_reg(HMM:3.1e-31) |
| 7664 | 262612_1.R1011 | response_reg(HMM:3.3) |
| 7665 | uC-zmflmo17228b09a1 | response_reg(HMM:3.3e-33) |
| 7666 | uC-zmflmo17d08b1 | response_reg(HMM:3.6e-11) |
| 7667 | 3176_1.R1011 | response_reg(HMM:3.7e-28) |
| 7668 | uC-zmflb73267e04b2 | response_reg(HMM:3e-05) |
| 7669 | 33496_1.R1011 | response_reg(HMM:4.1e-11) |
| 7670 | 83822_1.R1011 | response_reg(HMM:4.3e-07) |
| 7671 | 121995_1.R1011 | response_reg(HMM:4.3e-10) |
| 7672 | 451_1.R1011 | response_reg(HMM:5.4e-31) |
| 7673 | 5057_2.R1011 | response_reg(HMM:5.7e-29) |
| 7674 | uC-zmflmo17225f10a1 | response_reg(HMM:6.2e-19) |
| 7675 | uC-zmflmo17252b11a1 | response_reg(HMM:6.6e-21) |
| 7676 | 89322_1.R1011 | response_reg(HMM:6.7e-12) |
| 7677 | uC-zmflmo17169d11a1 | response_reg(HMM:7.2e-05) |
| 7678 | 36385_1.R1011 | response_reg(HMM:7.9e-11) |
| 7679 | LIB3059-026-Q1-K1-H6 | response_reg(HMM:8.9e-05) |
| 7680 | 5057_1.R1011 | response_reg(HMM:9.1e-30) |
| 7681 | LIB3069-024-Q1-K1-G9 | runt(HMM:0.008) |
| 7682 | LIB3136-001-P1-K1-D6 | sbpb(HMM:0.00086) |
| 7683 | uC-zmflb73276d09b1 | sbpb(HMM:0.0046) |
| 7684 | g4753364 | sbpb(HMM:1.1e-12) |
| 7685 | pmx700084920.h1 | sbpb(HMM:1.3e-10) |
| 7686 | cat700019575.r1 | sbpb(HMM:1.4e-13) |
| 7687 | uwc700150553.h1 | sbpb(HMM:1.4e-39) |
| 7688 | qmh700030362.fl | sbpb(HMM:1.7e-10) |
| 7689 | 67995_1.R1011 | sbpb(HMM:1.8e-34) |
| 7690 | 62560_1.R1011 | sbpb(HMM:2.2e-05) |
| 7691 | 235145_1.R1011 | sbpb(HMM:2.4e-15) |
| 7692 | 83914_1.R1011 | sbpb(HMM:3.1e-25) |
| 7693 | uC-zmflb73113c09a2 | sbpb(HMM:3.3e-18) |
| 7694 | 241_44.R1011 | sbpb(HMM:4.5e-39) |

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| 7695 | 1173_1.R1011 | sbpb(HMM:4.6e-44) |
| 7696 | LIB3069-037-Q1-K1-C4 | sbpb(HMM:5.8e-10) |
| 7697 | xyt700343163.h1 | sbpb(HMM:5.8e-16) |
| 7698 | uC-zmflb73372c09a1 | sbpb(HMM:8.1) |
| 7699 | afb700381372.h1 | scan(HMM:2.2e-09) |
| 7700 | LIB3116-007-Q1-K1-E8 | scr(HMM:0.00088) |
| 7701 | cyk700051838.f1 | scr(HMM:0.0022) |
| 7702 | LIB3136-038-P1-K1-F6 | scr(HMM:0.0036) |
| 7703 | uC-zmflmo17275c01a1 | scr(HMM:0.005) |
| 7704 | uC-zmroteosinte016b06b1 | scr(HMM:0.006) |
| 7705 | 218432_1.R1011 | scr(HMM:0.0084) |
| 7706 | 55105_1.R1011 | scr(HMM:0.0085) |
| 7707 | 240174_1.R1011 | scr(HMM:0.029) |
| 7708 | 2021_9.R1011 | scr(HMM:1.3) |
| 7709 | mwy700442142.h1 | scr(HMM:1.3e-05) |
| 7710 | 31248_1.R1011 | scr(HMM:1.4e-27) |
| 7711 | 86173_1.R1011 | scr(HMM:1.6e-37) |
| 7712 | LIB3279-008-P1-K1-A1 | scr(HMM:1.7e-05) |
| 7713 | 70371_1.R1011 | scr(HMM:1.7e-14) |
| 7714 | 85163_1.R1011 | scr(HMM:1.9e-13) |
| 7715 | 1042_1.R1011 | scr(HMM:1.9e-16) |
| 7716 | 6174_1.R1011 | scr(HMM:2.1e-27) |
| 7717 | g4152171 | scr(HMM:2.3) |
| 7718 | LIB3069-022-Q1-K1-E10 | scr(HMM:2.3e-22) |
| 7719 | kem700612202.h1 | scr(HMM:2.3e-24) |
| 7720 | LIB83-013-Q1-E1-F6 | scr(HMM:2.4e-06) |
| 7721 | 645_2.R1011 | scr(HMM:2.5e-68) |
| 7722 | 60554_1.R1011 | scr(HMM:2.6e-48) |
| 7723 | 35597_1.R1011 | scr(HMM:2.8e-05) |
| 7724 | LIB148-030-Q1-E1-E4 | scr(HMM:2.9e-30) |
| 7725 | gct701173786.h1 | scr(HMM:3.8e-12) |
| 7726 | uC-zmflb73073f08b3 | scr(HMM:4.2e-10) |
| 7727 | uC-zmflmo17064f12b1 | scr(HMM:4.3e-10) |
| 7728 | 33292_1.R1011 | scr(HMM:4.8e-114) |
| 7729 | uC-zmroB73014d08b1 | scr(HMM:5.3e-06) |
| 7730 | 19366_1.R1011 | scr(HMM:5.3e-20) |
| 7731 | LIB3076-032-Q1-K1-C4 | scr(HMM:5.7e-14) |
| 7732 | LIB3076-014-Q1-K1-F6 | scr(HMM:6.3e-15) |
| 7733 | 19366_2.R1011 | scr(HMM:6.5e-07) |
| 7734 | 39453_1.R1011 | scr(HMM:6.8e-06) |
| 7735 | 177209_1.R1011 | scr(HMM:7.2e-19) |
| 7736 | 2021_4.R1011 | scr(HMM:7.2e-20) |
| 7737 | fdz701163921.h1 | scr(HMM:7.4e-09) |
| 7738 | uC-zmflb73033d10b1 | scr(HMM:7.4e-15) |
| 7739 | 91255_1.R1011 | scr(HMM:7.5e-07) |
| 7740 | 44990_1.R1011 | scr(HMM:7.7e-12) |
| 7741 | 101733_1.R1011 | scr(HMM:8.8e-17) |
| 7742 | xsy700212015.h1 | scr(HMM:8.8e-32) |
| 7743 | 14366_1.R1011 | scr(HMM:9.2e-18) |
| 7744 | uC-zmflmo17289a06b1 | scr(HMM:9.3e-05) |
| 7745 | 72518_1.R1011 | scr(HMM:9.3e-12) |
| 7746 | wyr700237065.h1 | scr(HMM:9.7e-06) |
| 7747 | ntr700074722.h1 | scr(HMM:9.9e-28) |
| 7748 | ceu700432452.h1 | set(HMM:0.00016) |

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| 7749 | nwy700445574.h1 | set(HMM:0.0002) |
| 7750 | 159774_1.R1011 | set(HMM:0.00046) |
| 7751 | 159774_2.R1011 | set(HMM:0.00059) |
| 7752 | yne700378914.h1 | set(HMM:0.00059) |
| 7753 | LIB3075-019-Q1-K1-E9 | set(HMM:0.00076) |
| 7754 | uC-zmflb73150d09b1 | set(HMM:0.0012) |
| 7755 | LIB3116-015-P1-K1-H1 | set(HMM:0.0015) |
| 7756 | 4642_1.R1011 | set(HMM:0.07) |
| 7757 | 112014_1.R1011 | set(HMM:0.12) |
| 7758 | 201970_1.R1011 | set(HMM:0.14) |
| 7759 | 82277_1.R1011 | set(HMM:0.85) |
| 7760 | xjt700096952.h1 | set(HMM:1.1e-11) |
| 7761 | uC-zmflb731230c05a1 | set(HMM:1.1e-12) |
| 7762 | 1755_1.R1011 | set(HMM:1.1e-36) |
| 7763 | 54645_1.R1011 | set(HMM:1.1e-46) |
| 7764 | uC-zmflb73230c10b2 | set(HMM:1.3e-06) |
| 7765 | LIB3079-056-Q1-K1-E1 | set(HMM:1.5e-15) |
| 7766 | 121625_1.R1011 | set(HMM:1.5e-20) |
| 7767 | LIB3075-013-Q1-K1-F1 | set(HMM:1.6e-12) |
| 7768 | 70655_1.R1011 | set(HMM:1.6e-26) |
| 7769 | afb700381224.h1 | set(HMM:1.7e-06) |
| 7770 | gct701180481.h1 | set(HMM:1.7e-13) |
| 7771 | uC-zmflb73139a02b1 | set(HMM:1.8e-05) |
| 7772 | 9482_1.R1011 | set(HMM:1.8e-23) |
| 7773 | 4193_1.R1011 | set(HMM:1.8e-50) |
| 7774 | 138441_1.R1011 | set(HMM:1.9e-14) |
| 7775 | 8673_1.R1011 | set(HMM:2.6e-05) |
| 7776 | 211176_1.R1011 | set(HMM:2.7) |
| 7777 | 5363_1.R1011 | set(HMM:3.1e-26) |
| 7778 | LIB3062-051-Q1-K1-A12 | set(HMM:3.2) |
| 7779 | 5332_1.R1011 | set(HMM:3.3e-34) |
| 7780 | 78685_1.R1011 | set(HMM:4e-06) |
| 7781 | LIB3150-023-Q1-N1-F1 | set(HMM:4e-11) |
| 7782 | uC-zmroteosinte008f10b1 | set(HMM:5.3e-53) |
| 7783 | 140423_1.R1011 | set(HMM:5.4e-55) |
| 7784 | cjh700196512.h1 | set(HMM:6.4e-14) |
| 7785 | 42686_1.R1011 | set(HMM:7.8e-44) |
| 7786 | fdz701160861.h1 | set(HMM:8.2e-08) |
| 7787 | 107223_1.R1011 | set(HMM:9.5e-19) |
| 7788 | 18141_1.R1011 | set(HMM:9.7e-07) |
| 7789 | rvl700456152.h1 | set(HMM:9.9e-13) |
| 7790 | LIB3067-013-Q1-K1-F4 | "snf2_n(HMM:0.00016),zf-c3hc4(HMM:0.18)" |
| 7791 | 104440_1.R1011 | snf2_n(HMM:0.006) |
| 7792 | nbm700468170.h1 | snf2_n(HMM:0.083) |
| 7793 | LIB3066-024-Q1-K1-F6 | snf2_n(HMM:0.75) |
| 7794 | 85215_1.R1011 | snf2_n(HMM:0.78) |
| 7795 | 96331_1.R1011 | snf2_n(HMM:1.1e-45) |
| 7796 | uC-zmflmo17223c09b1 | snf2_n(HMM:1.3e-17) |
| 7797 | nbm700473042.h1 | snf2_n(HMM:1.6e-26) |
| 7798 | uC-zmflmo17066b08b1 | snf2_n(HMM:1.7e-10) |
| 7799 | 6150_1.R1011 | snf2_n(HMM:1.8e-141) |
| 7800 | 225672_1.R1011 | snf2_n(HMM:1.9e-25) |
| 7801 | xsy700207459.h1 | snf2_n(HMM:2.2e-08) |

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| 7802 | LIB3076-019-Q1-K1-F10 | snf2_n(HMM:2.4e-13) |
| 7803 | 219582_1.R1011 | snf2_n(HMM:2.6e-06) |
| 7804 | 6423_1.R1011 | snf2_n(HMM:2.6e-15) |
| 7805 | gct701167820.h1 | snf2_n(HMM:2.9e-19) |
| 7806 | 98888_1.R1011 | snf2_n(HMM:3.1e-10) |
| 7807 | 5603_1.R1011 | "snf2_n(HMM:3.1e-14),zf-c3hc4(HMM:0.0097)" |
| 7808 | 21514_1.R1011 | snf2_n(HMM:3.5e-07) |
| 7809 | 22960_1.R1011 | snf2_n(HMM:3.5e-12) |
| 7810 | 3233_1.R1011 | snf2_n(HMM:3e-23) |
| 7811 | LIB3159-002-Q1-K1-E3 | snf2_n(HMM:4e-13) |
| 7812 | 123229_1.R1011 | snf2_n(HMM:7.5e-17) |
| 7813 | 271062_1.R1011 | snf2_n(HMM:8.2e-20) |
| 7814 | uC-zmflmo17262b09b1 | snf2_n(HMM:8.4e-09) |
| 7815 | 33998_1.R1011 | snf2_n(HMM:8.8e-46) |
| 7816 | 55025_1.R1011 | snf2_n(HMM:9.1e-10) |
| 7817 | uC-zmflb73275a12b1 | srf-tf(HMM:0.00028) |
| 7818 | LIB3279-011-P1-K1-D3 | srf-tf(HMM:0.00063) |
| 7819 | LIB189-006-Q1-E1-G12 | srf-tf(HMM:0.0036) |
| 7820 | uC-zmflmo17259b12b1 | srf-tf(HMM:0.14) |
| 7821 | uC-zmflmo17068a10b1 | srf-tf(HMM:0.79) |
| 7822 | 112_4.R1011 | srf-tf(HMM:1.1e-35) |
| 7823 | LIB3076-018-Q1-K1-A4 | srf-tf(HMM:1.2e-17) |
| 7824 | uC-zmflmo17039a04b1 | srf-tf(HMM:1.4e-29) |
| 7825 | LIB3069-009-Q1-K1-H3 | srf-tf(HMM:1.5e-33) |
| 7826 | CPR9103_L30684201_FL | srf-tf(HMM:1.5e-37) |
| 7827 | LIB3069-036-Q1-K1-H9 | srf-tf(HMM:1.6e-23) |
| 7828 | uC-zmflmo17223f08b1 | srf-tf(HMM:1.7) |
| 7829 | uC-zmflb73114g10b1 | srf-tf(HMM:1.8e-13) |
| 7830 | 166_2.R1011 | srf-tf(HMM:1.9e-29) |
| 7831 | uC-zmflmo17001d12b1 | srf-tf(HMM:1e-14) |
| 7832 | LIB3077-002-Q1-K1-D11 | srf-tf(HMM:2.1e-12) |
| 7833 | 71280_1.R1011 | srf-tf(HMM:2.1e-29) |
| 7834 | xmt700261644.h1 | srf-tf(HMM:2.3) |
| 7835 | uwc700151223.h1 | srf-tf(HMM:2.5e-09) |
| 7836 | LIB3067-028-Q1-K1-H6 | srf-tf(HMM:2.6e-23) |
| 7837 | 166_3.R1011 | srf-tf(HMM:2e-30) |
| 7838 | 111_1.R1011 | srf-tf(HMM:2e-35) |
| 7839 | LIB3062-002-Q1-K2-B3 | srf-tf(HMM:2e-35) |
| 7840 | LIB3075-043-Q1-K1-D3 | srf-tf(HMM:3.1e-33) |
| 7841 | uC-zmflmo17068a10b2 | srf-tf(HMM:3.3) |
| 7842 | LIB3068-061-Q1-K1-E2 | srf-tf(HMM:3.3e-11) |
| 7843 | uC-zmflB73003f02b1 | srf-tf(HMM:3.6e-06) |
| 7844 | g939782 | srf-tf(HMM:3.7e-33) |
| 7845 | LIB3181-009-P1-K2-C3 | srf-tf(HMM:3.9e-36) |
| 7846 | 611_4.R1011 | srf-tf(HMM:3e-36) |
| 7847 | uC-zmflb73301e08b2 | srf-tf(HMM:3e-36) |
| 7848 | 122_4.R1011 | srf-tf(HMM:3e-37) |
| 7849 | uC-zmflmo17184g02b1 | srf-tf(HMM:4.2e-10) |
| 7850 | 543_8.R1011 | srf-tf(HMM:4.2e-34) |
| 7851 | uC-zmflmo17202h01b1 | srf-tf(HMM:4.4e-35) |
| 7852 | uC-zmflmo17171b06b1 | srf-tf(HMM:4.4e-36) |
| 7853 | LIB189-012-Q1-E1-F6 | srf-tf(HMM:4.9e-14) |
| 7854 | 9_1.R1011 | srf-tf(HMM:4e-32) |

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| 7855 | LIB3079-023-Q1-K1-H5 | srf-tf(HMM:5.3e-05) |
| 7856 | dyk700106944.h1 | srf-tf(HMM:5.3e-05) |
| 7857 | uC-zmroteosinte058g09b2 | srf-tf(HMM:7.2e-16) |
| 7858 | g793901 | srf-tf(HMM:8.3e-32) |
| 7859 | LIB3116-001-Q1-K1-G1 | srf-tf(HMM:9.4e-09) |
| 7860 | 606_1.R1011 | tbp(HMM:2.2e-81) |
| 7861 | 606_2.R1011 | tbp(HMM:2.2e-81) |
| 7862 | 102306_1.R1011 | teo(HMM:0.0025) |
| 7863 | 250289_1.R1011 | teo(HMM:0.19) |
| 7864 | cat700020547.r1 | teo(HMM:0.69) |
| 7865 | pmx700086592.h1 | teo(HMM:0.88) |
| 7866 | LIB3137-013-Q1-K1-A5 | teo(HMM:1.1e-27) |
| 7867 | 135315_1.R1011 | teo(HMM:1.6e-08) |
| 7868 | uC-zmflmol17190b11b1 | teo(HMM:1.7e-05) |
| 7869 | 105868_1.R1011 | teo(HMM:1.8e-13) |
| 7870 | LIB84-008-Q1-E1-C5 | teo(HMM:2.9) |
| 7871 | g5268663 | teo(HMM:2e-07) |
| 7872 | LIB84-026-Q1-E1-F3 | teo(HMM:3e-11) |
| 7873 | g2051978 | teo(HMM:5.1e-29) |
| 7874 | uC-zmflmol17123d12a1 | tfiis(HMM:0.00064) |
| 7875 | 141904_1.R1011 | tfiis(HMM:0.00068) |
| 7876 | 44455_1.R1011 | tfiis(HMM:0.087) |
| 7877 | g5714238 | tfiis(HMM:0.087) |
| 7878 | 356480_1.R1011 | tfiis(HMM:3.5e-19) |
| 7879 | 2200_1.R1011 | tfiis(HMM:3.5e-20) |
| 7880 | 149396_1.R1011 | tfiis(HMM:3e-07) |
| 7881 | 20390_1.R1011 | tfiis(HMM:4e-12) |
| 7882 | 21886_1.R1011 | tfiis(HMM:4e-12) |
| 7883 | 2200_2.R1011 | tfiis(HMM:5.3e-21) |
| 7884 | dyk700105135.h1 | transcript_fac2(HMM:0.057) |
| 7885 | g4804552 | transcript_fac2(HMM:2e-17) |
| 7886 | 10_1.R1011 | transcript_fac2(HMM:6e-54) |
| 7887 | LIB3150-080-P2-N2-D2 | trihelix(HMM:0.061) |
| 7888 | 35673_1.R1011 | trihelix(HMM:1.3e-57) |
| 7889 | uC-zmflb73137a02b1 | trihelix(HMM:2.5e-06) |
| 7890 | xjt700095936.h1 | trihelix(HMM:2.6e-10) |
| 7891 | 10776_1.R1011 | trihelix(HMM:2.7e-09) |
| 7892 | 238186_1.R1011 | trihelix(HMM:3.8e-07) |
| 7893 | 234329_1.R1011 | trihelix(HMM:3.9e-18) |
| 7894 | 80958_1.R1011 | trihelix(HMM:5.6e-56) |
| 7895 | xjt700095983.h1 | trihelix(HMM:7.2e-18) |
| 7896 | uC-zmroteosinte105d05b1 | wrky(HMM:0.00016) |
| 7897 | fwa700097379.h1 | wrky(HMM:0.00022) |
| 7898 | LIB3069-037-Q1-K1-A10 | wrky(HMM:0.0021) |
| 7899 | cyk700048751.f1 | wrky(HMM:0.0022) |
| 7900 | 16821_1.R1011 | wrky(HMM:0.004) |
| 7901 | LIB3069-004-Q1-K1-F1 | wrky(HMM:0.005) |
| 7902 | uC-zmflb73168d03a1 | wrky(HMM:0.0084) |
| 7903 | 262895_1.R1011 | wrky(HMM:0.17) |
| 7904 | 353348_1.R1011 | wrky(HMM:0.17) |
| 7905 | 85014_1.R1011 | wrky(HMM:1.1e-38) |
| 7906 | gct701174191.h1 | wrky(HMM:1.3e-29) |
| 7907 | wyr700241062.h1 | wrky(HMM:1.4) |
| 7908 | clt700043633.f1 | wrky(HMM:1.4e-12) |

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| 7909 | 14223_1.R1011 | wrky(HMM:1.4e-36) |
| 7910 | LIB3116-028-P1-K1-A11 | wrky(HMM:1.7e-09) |
| 7911 | uC-zmflb73017d01b1 | wrky(HMM:1.8e-35) |
| 7912 | 94980_1.R1011 | wrky(HMM:1.8e-39) |
| 7913 | 120742_1.R1011 | wrky(HMM:1.9e-33) |
| 7914 | clt700041878.fl | wrky(HMM:2.1e-18) |
| 7915 | 226212_1.R1011 | wrky(HMM:2.2e-17) |
| 7916 | 54216_2.R1011 | wrky(HMM:2.2e-29) |
| 7917 | wyr700236840.h1 | wrky(HMM:2.6) |
| 7918 | 54216_1.R1011 | wrky(HMM:2.6e-25) |
| 7919 | LIB84-010-Q1-E1-F10 | wrky(HMM:3.2e-21) |
| 7920 | uwc700151333.h1 | wrky(HMM:3.4e-08) |
| 7921 | 409_1.R1011 | wrky(HMM:3.4e-44) |
| 7922 | 153602_1.R1011 | wrky(HMM:3.6e-18) |
| 7923 | gwl700613365.h1 | wrky(HMM:3.7e-08) |
| 7924 | 23750_1.R1011 | wrky(HMM:3.8e-07) |
| 7925 | 182_1.R1011 | wrky(HMM:3e-44) |
| 7926 | 8386_1.R1011 | wrky(HMM:4.2e-37) |
| 7927 | 153602_3.R1011 | wrky(HMM:4e-25) |
| 7928 | 36570_1.R1011 | wrky(HMM:5.3e-07) |
| 7929 | 68895_1.R1011 | wrky(HMM:5.3e-31) |
| 7930 | uC-zmroteosinte107d12b2 | wrky(HMM:5.8e-17) |
| 7931 | 151396_1.R1011 | wrky(HMM:5e-19) |
| 7932 | 153602_2.R1011 | wrky(HMM:5e-20) |
| 7933 | 206462_1.R1011 | wrky(HMM:7.1e-38) |
| 7934 | 24372_2.R1011 | wrky(HMM:7.1e-40) |
| 7935 | 47925_1.R1011 | wrky(HMM:7.4e-26) |
| 7936 | dyk700106359.h1 | wrky(HMM:7.8e-09) |
| 7937 | pmx700082065.h1 | wrky(HMM:8.4e-05) |
| 7938 | uC-zmflb73147h04b1 | wrky(HMM:8.8) |
| 7939 | xdb700337862.h1 | wrky(HMM:9.9e-05) |
| 7940 | pmx700089722.h1 | wrky(HMM:9.9e-38) |
| 7941 | gct701167914.h1 | wrky(HMM:9e-15) |
| 7942 | g5268376 | wrky(HMM:9e-41) |
| 7943 | 142_1.R1011 | "zf-b_box(HMM:0.00024),zf-constans(HMM:4.3e-32)" |
| 7944 | 142_2.R1011 | "zf-b_box(HMM:0.00024),zf-constans(HMM:4.3e-32)" |
| 7945 | 68636_2.R1011 | "zf-b_box(HMM:0.0075),zf-constans(HMM:3.7e-38)" |
| 7946 | 61495_1.R1011 | "zf-b_box(HMM:0.063),zf-constans(HMM:3.9e-15)" |
| 7947 | 8146_2.R1011 | "zf-b_box(HMM:0.088),zf-constans(HMM:3.9e-39)" |
| 7948 | 157403_1.R1011 | zf-c2h2(HMM:0.00021) |
| 7949 | wyr700240638.h1 | zf-c2h2(HMM:0.00024) |
| 7950 | 53008_1.R1011 | zf-c2h2(HMM:0.00025) |
| 7951 | 419_1.R1011 | zf-c2h2(HMM:0.00056) |
| 7952 | LIB3115-015-P1-K1-F5 | zf-c2h2(HMM:0.0008) |
| 7953 | 41347_1.R1011 | zf-c2h2(HMM:0.00091) |
| 7954 | 209161_1.R1011 | zf-c2h2(HMM:0.00099) |
| 7955 | LIB3069-042-Q1-K1-H12 | zf-c2h2(HMM:0.0014) |
| 7956 | 116608_1.R1011 | zf-c2h2(HMM:0.0018) |
| 7957 | fdz701160730.h1 | zf-c2h2(HMM:0.0022) |

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| 8012 | 76340_1.R1011 | zf-c3hc4(HMM:0.0076) |
| 8013 | 324272_1.R1011 | zf-c3hc4(HMM:0.0093) |
| 8014 | pmx700086948.h1 | zf-c3hc4(HMM:0.0098) |
| 8015 | 10592_1.R1011 | zf-c3hc4(HMM:0.011) |
| 8016 | fdz701164649.h1 | zf-c3hc4(HMM:0.011) |
| 8017 | 39463_1.R1011 | zf-c3hc4(HMM:0.012) |
| 8018 | 13279_2.R1011 | zf-c3hc4(HMM:0.013) |
| 8019 | 79049_1.R1011 | zf-c3hc4(HMM:0.013) |
| 8020 | 8752_1.R1011 | zf-c3hc4(HMM:0.013) |
| 8021 | uC-zmrob73002f12b1 | zf-c3hc4(HMM:0.013) |
| 8022 | 246800_1.R1011 | zf-c3hc4(HMM:0.014) |
| 8023 | clt700045409.fl | zf-c3hc4(HMM:0.014) |
| 8024 | uC-zmflb73160d12a1 | zf-c3hc4(HMM:0.014) |
| 8025 | 213_3.R1011 | zf-c3hc4(HMM:0.017) |
| 8026 | wty700170408.h1 | zf-c3hc4(HMM:0.017) |
| 8027 | 12729_4.R1011 | zf-c3hc4(HMM:0.018) |
| 8028 | 56078_2.R1011 | zf-c3hc4(HMM:0.018) |
| 8029 | 8752_3.R1011 | zf-c3hc4(HMM:0.02) |
| 8030 | uC-zmflmo17269f10b1 | zf-c3hc4(HMM:0.021) |
| 8031 | 12729_1.R1011 | zf-c3hc4(HMM:0.022) |
| 8032 | 12729_7.R1011 | zf-c3hc4(HMM:0.022) |
| 8033 | 59524_1.R1011 | zf-c3hc4(HMM:0.023) |
| 8034 | 66723_1.R1011 | zf-c3hc4(HMM:0.034) |
| 8035 | 5954_1.R1011 | zf-c3hc4(HMM:0.04) |
| 8036 | 12212_1.R1011 | zf-c3hc4(HMM:0.044) |
| 8037 | 70802_1.R1011 | zf-c3hc4(HMM:0.052) |
| 8038 | 82069_1.R1011 | zf-c3hc4(HMM:0.053) |
| 8039 | 103280_1.R1011 | zf-c3hc4(HMM:0.054) |
| 8040 | 103280_2.R1011 | zf-c3hc4(HMM:0.054) |
| 8041 | uC-zmroteosinte096f02b2 | zf-c3hc4(HMM:0.056) |
| 8042 | 181_1.R1011 | zf-c3hc4(HMM:0.059) |
| 8043 | afb700381537.h1 | zf-c3hc4(HMM:0.06) |
| 8044 | 3393_1.R1011 | zf-c3hc4(HMM:0.065) |
| 8045 | 182784_1.R1011 | zf-c3hc4(HMM:0.066) |
| 8046 | 275059_1.R1011 | zf-c3hc4(HMM:0.069) |
| 8047 | 324734_1.R1011 | zf-c3hc4(HMM:0.073) |
| 8048 | qmh700027480.fl | zf-c3hc4(HMM:0.074) |
| 8049 | 612_5.R1011 | zf-c3hc4(HMM:0.077) |
| 8050 | 72452_1.R1011 | zf-c3hc4(HMM:0.078) |
| 8051 | uC-zmrob73054b08a1 | zf-c3hc4(HMM:0.083) |
| 8052 | uC-zmflb73019d10b1 | zf-c3hc4(HMM:0.086) |
| 8053 | LIB189-003-Q1-E1-E7 | zf-c3hc4(HMM:0.089) |
| 8054 | 154523_1.R1011 | zf-c3hc4(HMM:0.09) |
| 8055 | qmh700030296.fl | zf-c3hc4(HMM:0.094) |
| 8056 | g3340896 | zf-c3hc4(HMM:0.1) |
| 8057 | g4967174 | zf-c3hc4(HMM:0.11) |
| 8058 | 26273_1.R1011 | zf-c3hc4(HMM:0.14) |
| 8059 | 93164_2.R1011 | zf-c3hc4(HMM:0.3) |
| 8060 | 14776_2.R1011 | zf-c3hc4(HMM:0.49) |
| 8061 | uC-zmflmo17076a01b1 | zf-c3hc4(HMM:0.52) |
| 8062 | 26865_1.R1011 | zf-c3hc4(HMM:0.59) |
| 8063 | 14776_3.R1011 | zf-c3hc4(HMM:0.65) |
| 8064 | LIB3136-026-Q1-K1-B3 | zf-c3hc4(HMM:0.75) |
| 8065 | 14776_1.R1011 | zf-c3hc4(HMM:0.93) |

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| 8066 | LIB3180-021-P2-M1-B3 | zf-c3hc4(HMM:0.99) |
| 8067 | 26398_1.R1011 | zf-c3hc4(HMM:1.1e-07) |
| 8068 | 47763_1.R1011 | zf-c3hc4(HMM:1.1e-09) |
| 8069 | 64464_1.R1011 | zf-c3hc4(HMM:1.1e-09) |
| 8070 | 76138_1.R1011 | zf-c3hc4(HMM:1.1e-10) |
| 8071 | 24928_1.R1011 | zf-c3hc4(HMM:1.1e-11) |
| 8072 | 76005_1.R1011 | zf-c3hc4(HMM:1.1e-11) |
| 8073 | LIB3159-007-Q1-K1-F12 | zf-c3hc4(HMM:1.1e-11) |
| 8074 | uC-zmflb73271c07a1 | zf-c3hc4(HMM:1.2) |
| 8075 | g5525869 | zf-c3hc4(HMM:1.2e-09) |
| 8076 | 11122_1.R1011 | zf-c3hc4(HMM:1.2e-11) |
| 8077 | 19677_1.R1011 | zf-c3hc4(HMM:1.2e-11) |
| 8078 | 93164_1.R1011 | zf-c3hc4(HMM:1.3e-09) |
| 8079 | uC-zmflmo17169b10a1 | zf-c3hc4(HMM:1.3e-09) |
| 8080 | 148037_1.R1011 | zf-c3hc4(HMM:1.3e-10) |
| 8081 | wty700164124.h1 | zf-c3hc4(HMM:1.4e-09) |
| 8082 | 4582_2.R1011 | zf-c3hc4(HMM:1.5) |
| 8083 | 9403_1.R1011 | zf-c3hc4(HMM:1.5e-05) |
| 8084 | g4646402 | zf-c3hc4(HMM:1.5e-05) |
| 8085 | 105_4.R1011 | zf-c3hc4(HMM:1.5e-08) |
| 8086 | 108416_1.R1011 | zf-c3hc4(HMM:1.5e-09) |
| 8087 | 12986_1.R1011 | "zf-c3hc4(HMM:1.6e-13),zz(HMM:8e-11)" |
| 8088 | 3192_1.R1011 | zf-c3hc4(HMM:1.9) |
| 8089 | 159039_1.R1011 | zf-c3hc4(HMM:1.9e-06) |
| 8090 | 36843_1.R1011 | zf-c3hc4(HMM:1.9e-06) |
| 8091 | ceu700430292.h1 | zf-c3hc4(HMM:1.9e-10) |
| 8092 | 23974_2.R1011 | zf-c3hc4(HMM:1e-06) |
| 8093 | 68707_1.R1011 | zf-c3hc4(HMM:1e-09) |
| 8094 | uC-zmromo17009a07a1 | zf-c3hc4(HMM:1e-10) |
| 8095 | 165_1.R1011 | zf-c3hc4(HMM:2.1e-08) |
| 8096 | 73703_1.R1011 | zf-c3hc4(HMM:2.1e-10) |
| 8097 | 8767_1.R1011 | zf-c3hc4(HMM:2.2e-06) |
| 8098 | 8767_2.R1011 | zf-c3hc4(HMM:2.2e-06) |
| 8099 | 414_1.R1011 | zf-c3hc4(HMM:2.2e-11) |
| 8100 | 5462_1.R1011 | zf-c3hc4(HMM:2.3e-05) |
| 8101 | 360600_1.R1011 | zf-c3hc4(HMM:2.3e-06) |
| 8102 | 10589_1.R1011 | zf-c3hc4(HMM:2.3e-10) |
| 8103 | LIB3069-004-Q1-K1-D7 | zf-c3hc4(HMM:2.3e-10) |
| 8104 | 116629_1.R1011 | zf-c3hc4(HMM:2.4e-08) |
| 8105 | 56775_1.R1011 | zf-c3hc4(HMM:2.4e-12) |
| 8106 | tzu700205411.h1 | zf-c3hc4(HMM:2.4e-12) |
| 8107 | 29304_1.R1011 | zf-c3hc4(HMM:2.5e-07) |
| 8108 | 6572_1.R1011 | zf-c3hc4(HMM:2.5e-08) |
| 8109 | 15090_3.R1011 | zf-c3hc4(HMM:2.6e-12) |
| 8110 | 105_10.R1011 | zf-c3hc4(HMM:2.7e-08) |
| 8111 | 41932_1.R1011 | zf-c3hc4(HMM:2.7e-08) |
| 8112 | uC-zmflMo17004a08b1 | zf-c3hc4(HMM:2.7e-10) |
| 8113 | 136215_1.R1011 | zf-c3hc4(HMM:2.8e-05) |
| 8114 | g5058662 | zf-c3hc4(HMM:2.8e-10) |
| 8115 | 74958_2.R1011 | zf-c3hc4(HMM:2.9) |
| 8116 | 66897_1.R1011 | zf-c3hc4(HMM:2.9e-06) |
| 8117 | 103753_1.R1011 | zf-c3hc4(HMM:2.9e-11) |
| 8118 | 612_3.R1011 | zf-c3hc4(HMM:2.9e-11) |

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| 8173 | 81913_1.R1011 | zf-c3hc4(HMM:6e-10) |
| 8174 | LIB148-043-Q1-E1-F4 | zf-c3hc4(HMM:6e-11) |
| 8175 | 87354_1.R1011 | zf-c3hc4(HMM:6e-12) |
| 8176 | 234606_1.R1011 | zf-c3hc4(HMM:7.2e-07) |
| 8177 | 18194_1.R1011 | zf-c3hc4(HMM:7.2e-11) |
| 8178 | fC-zmro700830687d1 | zf-c3hc4(HMM:7.2e-11) |
| 8179 | 45085_2.R1011 | zf-c3hc4(HMM:7.3e-09) |
| 8180 | tfd700572139.h1 | zf-c3hc4(HMM:7.5) |
| 8181 | LIB3066-035-Q1-K1-F7 | zf-c3hc4(HMM:7.6e-08) |
| 8182 | LIB3062-024-Q1-K1-H9 | zf-c3hc4(HMM:7.7) |
| 8183 | 24170_1.R1011 | zf-c3hc4(HMM:7.7e-09) |
| 8184 | 46930_1.R1011 | zf-c3hc4(HMM:7.7e-11) |
| 8185 | 168837_1.R1011 | zf-c3hc4(HMM:7e-13) |
| 8186 | LIB3067-045-Q1-K1-D1 | zf-c3hc4(HMM:8.2e-10) |
| 8187 | rvt700549916.h1 | zf-c3hc4(HMM:8.2e-10) |
| 8188 | 83740_1.R1011 | zf-c3hc4(HMM:8.4e-11) |
| 8189 | 61691_1.R1011 | zf-c3hc4(HMM:8.5e-06) |
| 8190 | 5889_5.R1011 | zf-c3hc4(HMM:8.5e-10) |
| 8191 | 14670_1.R1011 | zf-c3hc4(HMM:8.7e-12) |
| 8192 | 22644_1.R1011 | zf-c3hc4(HMM:8.8e-05) |
| 8193 | 124447_1.R1011 | zf-c3hc4(HMM:8e-08) |
| 8194 | 66159_1.R1011 | zf-c3hc4(HMM:9.5e-10) |
| 8195 | LIB36-009-Q1-E1-D11 | zf-c3hc4(HMM:9.6e-11) |
| 8196 | 74958_1.R1011 | zf-c3hc4(HMM:9.8e-05) |
| 8197 | uC-zmflmol17313f11b1 | zf-c3hc4(HMM:9.9e-05) |
| 8198 | 179_2.R1011 | zf-c3hc4(HMM:9e-08) |
| 8199 | 46477_1.R1011 | zf-c3hc4(HMM:9e-09) |
| 8200 | 72105_1.R1011 | zf-ccch(HMM:0.00014) |
| 8201 | gwl700617311.h1 | zf-ccch(HMM:0.00049) |
| 8202 | 241_18.R1011 | zf-ccch(HMM:0.00065) |
| 8203 | ceu700424071.h1 | zf-ccch(HMM:0.00071) |
| 8204 | 192997_2.R1011 | zf-ccch(HMM:0.0015) |
| 8205 | 241_14.R1011 | zf-ccch(HMM:0.0044) |
| 8206 | 192997_1.R1011 | zf-ccch(HMM:0.0047) |
| 8207 | 222263_1.R1011 | zf-ccch(HMM:0.0055) |
| 8208 | uC-zmflmol17312g01b1 | zf-ccch(HMM:0.0058) |
| 8209 | LIB3079-034-Q1-K1-B7 | zf-ccch(HMM:0.011) |
| 8210 | xmt700264760.h1 | zf-ccch(HMM:0.011) |
| 8211 | uC-zmroteosinte031d02b1 | zf-ccch(HMM:0.012) |
| 8212 | LIB143-015-Q1-E1-F10 | zf-ccch(HMM:0.016) |
| 8213 | 669_38.R1011 | zf-ccch(HMM:0.018) |
| 8214 | LIB3137-061-Q1-K1-C2 | zf-ccch(HMM:0.019) |
| 8215 | 95888_1.R1011 | zf-ccch(HMM:0.023) |
| 8216 | 11184_1.R1011 | zf-ccch(HMM:0.028) |
| 8217 | pmx700082907.h1 | zf-ccch(HMM:0.035) |
| 8218 | 4975_2.R1011 | zf-ccch(HMM:0.08) |
| 8219 | 4975_4.R1011 | zf-ccch(HMM:0.08) |
| 8220 | 4975_5.R1011 | zf-ccch(HMM:0.08) |
| 8221 | LIB3060-017-Q1-K1-C3 | zf-ccch(HMM:0.08) |
| 8222 | LIB3159-018-Q1-K1-F2 | zf-ccch(HMM:0.098) |
| 8223 | LIB3066-019-Q1-K1-A5 | zf-ccch(HMM:0.12) |
| 8224 | 241_32.R1011 | zf-ccch(HMM:0.13) |
| 8225 | LIB3076-015-Q1-K1-B7 | zf-ccch(HMM:0.15) |
| 8226 | uwc700155036.h1 | zf-ccch(HMM:0.18) |

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| 8227 | xjt700093378.h1 | zf-ccch(HMM:0.2) |
| 8228 | 305434_1.R1011 | zf-ccch(HMM:1.1) |
| 8229 | 85058_1.R1011 | zf-ccch(HMM:1.1e-06) |
| 8230 | 241_9.R1011 | zf-ccch(HMM:1.1e-19) |
| 8231 | LIB3150-054-Q1-N1-G6 | zf-ccch(HMM:1.3e-05) |
| 8232 | 241_24.R1011 | zf-ccch(HMM:1.4e-08) |
| 8233 | 43689_2.R1011 | zf-ccch(HMM:1.4e-08) |
| 8234 | 45198_1.R1011 | zf-ccch(HMM:1.6e-12) |
| 8235 | 124725_1.R1011 | zf-ccch(HMM:1.7e-07) |
| 8236 | 171242_1.R1011 | zf-ccch(HMM:1.8e-07) |
| 8237 | 39072_2.R1011 | zf-ccch(HMM:1e-05) |
| 8238 | g4621377 | zf-ccch(HMM:1e-08) |
| 8239 | 108766_1.R1011 | zf-ccch(HMM:2.2e-05) |
| 8240 | 100614_1.R1011 | zf-ccch(HMM:2.4e-06) |
| 8241 | wen700331895.h1 | zf-ccch(HMM:2.6e-09) |
| 8242 | 39045_1.R1011 | zf-ccch(HMM:2.6e-10) |
| 8243 | 10942_1.R1011 | zf-ccch(HMM:2.8e-08) |
| 8244 | tfd700570940.h1 | zf-ccch(HMM:2.9) |
| 8245 | uC-zmflmo17212f08a1 | zf-ccch(HMM:2.9e-19) |
| 8246 | 241_46.R1011 | zf-ccch(HMM:2e-08) |
| 8247 | 43689_1.R1011 | zf-ccch(HMM:3.2e-05) |
| 8248 | xsy700208053.h1 | zf-ccch(HMM:3.7e-05) |
| 8249 | 669_4.R1011 | zf-ccch(HMM:3.8e-08) |
| 8250 | 669_19.R1011 | zf-ccch(HMM:4.2e-06) |
| 8251 | LIB3069-022-Q1-K1-E8 | zf-ccch(HMM:4.2e-06) |
| 8252 | rvl700458624.h1 | zf-ccch(HMM:4.2e-06) |
| 8253 | uC-zmflb73056f02b1 | zf-ccch(HMM:4.2e-06) |
| 8254 | 39072_1.R1011 | zf-ccch(HMM:4.3e-07) |
| 8255 | 85058_3.R1011 | zf-ccch(HMM:5.4) |
| 8256 | 67016_1.R1011 | zf-ccch(HMM:6e-06) |
| 8257 | 46780_1.R1011 | zf-cchc(HMM:0.00012) |
| 8258 | 1973_2.R1011 | zf-cchc(HMM:0.00013) |
| 8259 | 15134_1.R1011 | zf-cchc(HMM:0.00015) |
| 8260 | 15134_3.R1011 | zf-cchc(HMM:0.00015) |
| 8261 | 1973_1.R1011 | zf-cchc(HMM:0.00015) |
| 8262 | 21823_2.R1011 | zf-cchc(HMM:0.00015) |
| 8263 | 198110_1.R1011 | zf-cchc(HMM:0.00018) |
| 8264 | LIB148-057-Q1-E1-D4 | zf-cchc(HMM:0.00021) |
| 8265 | 5025_5.R1011 | zf-cchc(HMM:0.00022) |
| 8266 | 5025_4.R1011 | zf-cchc(HMM:0.00023) |
| 8267 | 14488_1.R1011 | zf-cchc(HMM:0.00034) |
| 8268 | 1470_4.R1011 | zf-cchc(HMM:0.00038) |
| 8269 | LIB3059-057-Q1-K1-G9 | zf-cchc(HMM:0.00043) |
| 8270 | 5025_1.R1011 | zf-cchc(HMM:0.00044) |
| 8271 | g5525748 | zf-cchc(HMM:0.00067) |
| 8272 | g5108105 | zf-cchc(HMM:0.0029) |
| 8273 | LIB3079-025-Q1-K1-D3 | zf-cchc(HMM:0.0037) |
| 8274 | nbn700475724.h1 | zf-cchc(HMM:0.005) |
| 8275 | 228532_1.R1011 | zf-cchc(HMM:0.014) |
| 8276 | 209389_1.R1011 | zf-cchc(HMM:0.015) |
| 8277 | uC-zmflmo17058c11b1 | zf-cchc(HMM:0.021) |
| 8278 | kem700612104.h1 | zf-cchc(HMM:0.022) |
| 8279 | zla700380602.h1 | zf-cchc(HMM:0.037) |
| 8280 | LIB3068-010-Q1-K1-C8 | zf-cchc(HMM:0.041) |

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| 8281 | g3341167 | zf-cchc(HMM:0.075) |
| 8282 | afb700381773.h1 | zf-cchc(HMM:0.13) |
| 8283 | 1470_24.R1011 | zf-cchc(HMM:0.67) |
| 8284 | 138078_1.R1011 | zf-cchc(HMM:1.2e-25) |
| 8285 | fdz7011611i4.h1 | zf-cchc(HMM:1.3e-05) |
| 8286 | hbs701183301.h1 | zf-cchc(HMM:1.5e-05) |
| 8287 | gct701174387.h1 | zf-cchc(HMM:1.5e-08) |
| 8288 | 15380_1.R1011 | zf-cchc(HMM:1.6e-34) |
| 8289 | 109815_1.R1011 | zf-cchc(HMM:1.8e-29) |
| 8290 | 1470_1.R1011 | zf-cchc(HMM:1.9e-09) |
| 8291 | 3283_1.R1011 | zf-cchc(HMM:2.1e-25) |
| 8292 | 303232_1.R1011 | zf-cchc(HMM:2.4e-05) |
| 8293 | 178_1.R1011 | zf-cchc(HMM:2.5e-16) |
| 8294 | 185984_1.R1011 | zf-cchc(HMM:2.6e-05) |
| 8295 | LIB3075-040-Q1-K1-D9 | zf-cchc(HMM:2.7e-16) |
| 8296 | 1470_2.R1011 | zf-cchc(HMM:2e-09) |
| 8297 | 8129_1.R1011 | zf-cchc(HMM:3.2e-47) |
| 8298 | 10584_1.R1011 | zf-cchc(HMM:3.9e-05) |
| 8299 | uC-zmroteosinte012g04b1 | zf-cchc(HMM:3e-08) |
| 8300 | nwy700448416.h1 | zf-cchc(HMM:4.2e-07) |
| 8301 | 5300_1.R1011 | zf-cchc(HMM:4.5e-06) |
| 8302 | 15380_2.R1011 | zf-cchc(HMM:4.8e-06) |
| 8303 | 119865_1.R1011 | zf-cchc(HMM:4e-05) |
| 8304 | uC-zmflb73236d12b1 | zf-cchc(HMM:5.2e-08) |
| 8305 | nbm700464657.h1 | zf-cchc(HMM:6.8e-17) |
| 8306 | 20468_1.R1011 | zf-cchc(HMM:6e-06) |
| 8307 | xmt700259359.h1 | zf-cchc(HMM:7.5e-05) |
| 8308 | fdz701163614.h1 | zf-cchc(HMM:7.8e-06) |
| 8309 | uC-zmroB73014a05b1 | zf-constans(HMM:0.00013) |
| 8310 | uC-zmflMo17063f08b1 | zf-constans(HMM:0.00038) |
| 8311 | xsy700209246.h1 | zf-constans(HMM:0.0098) |
| 8312 | 40402_1.R1011 | zf-constans(HMM:0.041) |
| 8313 | LIB143-024-Q1-E1-F4 | zf-constans(HMM:0.16) |
| 8314 | 68636_1.R1011 | zf-constans(HMM:0.18) |
| 8315 | 982_2.R1011 | zf-constans(HMM:0.28) |
| 8316 | LIB3060-050-Q1-K1-B6 | zf-constans(HMM:0.48) |
| 8317 | uC-zmflb73237g05b2 | zf-constans(HMM:1.1e-10) |
| 8318 | 134910_1.R1011 | zf-constans(HMM:1.1e-14) |
| 8319 | 107610_1.R1011 | zf-constans(HMM:1.2e-16) |
| 8320 | 8146_1.R1011 | zf-constans(HMM:1.6e-38) |
| 8321 | 119960_1.R1011 | zf-constans(HMM:2.1e-27) |
| 8322 | 106090_1.R1011 | zf-constans(HMM:2.3e-19) |
| 8323 | LIB3136-058-Q1-K1-H11 | zf-constans(HMM:2.5e-09) |
| 8324 | LIB189-006-Q1-E1-D9 | zf-constans(HMM:2.5e-16) |
| 8325 | clt700041959.fl | zf-constans(HMM:2.6e-18) |
| 8326 | 18832_1.R1011 | zf-constans(HMM:3.1e-06) |
| 8327 | LIB3066-002-Q1-K1-C3 | zf-constans(HMM:3.2e-13) |
| 8328 | LIB3115-031-P1-K1-H5 | zf-constans(HMM:3.2e-13) |
| 8329 | 8146_4.R1011 | zf-constans(HMM:3.2e-39) |
| 8330 | 13038_2.R1011 | zf-constans(HMM:3.7e-11) |
| 8331 | 123361_1.R1011 | zf-constans(HMM:3.8e-16) |
| 8332 | 13038_1.R1011 | zf-constans(HMM:3.9e-11) |
| 8333 | xsy700209575.h1 | zf-constans(HMM:5.3e-17) |
| 8334 | 61071_1.R1011 | zf-constans(HMM:5.5e-07) |

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| 8335 | uC-zmflmo17101fl1b1 | zf-constans(HMM:5.8e-05) |
| 8336 | 64502_1.R1011 | zf-constans(HMM:5.8e-32) |
| 8337 | uC-zmflb73181h07b1 | zf-constans(HMM:6.1) |
| 8338 | LIB3136-044-P1-K1-A4 | zf-constans(HMM:6.4e-11) |
| 8339 | 18330_1.R1011 | zf-constans(HMM:7.1e-21) |
| 8340 | 14661_1.R1011 | zf-mynd(HMM:1.4e-07) |
| 8341 | 965_30.R1011 | zf-mynd(HMM:1.8e-05) |
| 8342 | 965_36.R1011 | zf-mynd(HMM:2.5e-11) |
| 8343 | 224949_1.R1011 | zf-mynd(HMM:9.6e-09) |
| 8344 | 88460_1.R1011 | zf-nf-x1(HMM:0.073) |
| 8345 | wen700331933.h1 | zf-nf-x1(HMM:0.82) |
| 8346 | 88460_2.R1011 | zf-nf-x1(HMM:1.2) |
| 8347 | LIB3067-037-Q1-K1-F12 | zf-nf-x1(HMM:1.8e-05) |
| 8348 | 50287_1.R1011 | zz(HMM:0.02) |
| 8349 | 5730_1.R1011 | zz(HMM:2e-12) |
| 8350 | 2912_1.R1011 | zz(HMM:6.4e-07) |

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Table 6. Transcription factors from rice

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|------------------------------|-----------------------|
| 8351 | g4968705_frame1 | 14-3-3(HMM:0.00012) |
| 8352 | LIB3434-064-P1-K1-F6_frame2 | 14-3-3(HMM:0.00056) |
| 8353 | 617_5.R1084_frame2 | 14-3-3(HMM:0.00059) |
| 8354 | uC-osroM202032b04b1_frame1 | 14-3-3(HMM:0.0012) |
| 8355 | uC-osflm202111e11b1_frame2 | 14-3-3(HMM:0.0038) |
| 8356 | 359_1.R1084_frame1 | 14-3-3(HMM:1.4e-175) |
| 8357 | LIB3431-002-P1-K1-B6_frame2 | 14-3-3(HMM:1.6e-13) |
| 8358 | uC-osflcyp002e09b1_frame3 | 14-3-3(HMM:1.7e-19) |
| 8359 | uC-osflcyp080c06a1_frame6 | 14-3-3(HMM:1.8e-15) |
| 8360 | 358_1.R1084_frame3 | 14-3-3(HMM:1.8e-180) |
| 8361 | uC-osrocyp028c03a1_frame5 | 14-3-3(HMM:1.8e-23) |
| 8362 | 92487_1.R1084_frame2 | 14-3-3(HMM:2.1e-33) |
| 8363 | LIB3434-047-P1-K1-A2_frame1 | 14-3-3(HMM:2.5e-34) |
| 8364 | LIB3431-058-P1-K1-E2_frame3 | 14-3-3(HMM:2.6e-18) |
| 8365 | uC-osrocyp028c02b1_frame1 | 14-3-3(HMM:2.8e-13) |
| 8366 | 17909_1.R1084_frame1 | 14-3-3(HMM:2e-66) |
| 8367 | LIB3434-042-P1-K1-G5_frame2 | 14-3-3(HMM:3.5e-104) |
| 8368 | LIB3432-011-P1-K1-F9_frame1 | 14-3-3(HMM:3.7e-10) |
| 8369 | 357_1.R1084_frame3 | 14-3-3(HMM:4.4e-181) |
| 8370 | g3106478_frame1 | 14-3-3(HMM:4.9e-06) |
| 8371 | LIB3431-007-P1-K1-B4_frame3 | 14-3-3(HMM:5) |
| 8372 | g2442689_frame1 | 14-3-3(HMM:5.2e-10) |
| 8373 | 358_4.R1084_frame3 | 14-3-3(HMM:5.7e-56) |
| 8374 | uC-osroM202039c12b1_frame3 | 14-3-3(HMM:5.9e-07) |
| 8375 | g2798877_frame4 | 14-3-3(HMM:6.9e-08) |
| 8376 | LIB3431-001-P1-K1-G10_frame2 | 14-3-3(HMM:7.2e-05) |
| 8377 | 617_1.R1084_frame3 | 14-3-3(HMM:7e-180) |
| 8378 | 6047_2.R1084_frame2 | 14-3-3(HMM:8.3e-33) |
| 8379 | LIB3434-001-P1-K1-E7_frame2 | 14-3-3(HMM:8.7e-07) |
| 8380 | 4935_1.R1084_frame4 | ank(HMM:0.0005) |
| 8381 | g5667511_frame2 | ank(HMM:0.00067) |
| 8382 | 2013_1.R1084_frame4 | ank(HMM:0.00078) |
| 8383 | uC-osroM202013h02b1_frame3 | ank(HMM:0.0082) |
| 8384 | uC-osroM202020g09b1_frame1 | ank(HMM:0.026) |
| 8385 | 14356_2.R1084_frame2 | ank(HMM:0.042) |
| 8386 | 31756_1.R1084_frame3 | ank(HMM:0.045) |
| 8387 | LIB3431-033-P1-K1-H1_frame1 | ank(HMM:1.1e-22) |
| 8388 | g3107450_frame2 | ank(HMM:1.2e-05) |
| 8389 | LIB3433-042-P1-K1-D10_frame3 | ank(HMM:1.2e-10) |
| 8390 | 2706_1.R1084_frame6 | ank(HMM:1.2e-17) |
| 8391 | LIB3432-007-P1-K1-E7_frame3 | ank(HMM:1.3e-08) |
| 8392 | g3762888_frame2 | ank(HMM:1.5e-06) |
| 8393 | 63044_1.R1084_frame2 | ank(HMM:1.6e-06) |
| 8394 | g5038965_frame5 | ank(HMM:1.6e-06) |
| 8395 | 5527_2.R1084_frame5 | ank(HMM:1.6e-20) |
| 8396 | 5527_1.R1084_frame5 | ank(HMM:1.8e-08) |
| 8397 | uC-osrocyp011a04a1_frame5 | ank(HMM:1.8e-08) |
| 8398 | 5758_1.R1084_frame3 | ank(HMM:2.5e-13) |
| 8399 | g3760142_frame1 | ank(HMM:2.7e-19) |
| 8400 | iC- | ank(HMM:3.2e-05) |

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| 8401 | osleLIB3474037b02a1_frame6 | |
| 8402 | g2427442_frame3 | ank(HMM:3.2e-12) |
| 8403 | uC-osrocyp033f11a1_frame5 | ank(HMM:3.3e-13) |
| 8404 | uC-osflcyp162a07b1_frame3 | ank(HMM:3.6e-09) |
| 8405 | g1632606_frame4 | ank(HMM:3.7e-07) |
| 8406 | g5667512_frame1 | ank(HMM:3.7e-16) |
| 8407 | uC-osflcyp039a01b1_frame1 | ank(HMM:3.8e-14) |
| 8408 | 14784_1.R1084_frame2 | ank(HMM:4.2e-24) |
| 8409 | uC-osflcyp158a11b1_frame1 | ank(HMM:4.4e-05) |
| 8410 | LIB3434-005-P1-K1-C10_frame1 | ank(HMM:4.5e-09) |
| 8411 | 30799_1.R1084_frame1 | ank(HMM:4.9e-15) |
| 8412 | LIB3434-013-P1-K1-F6_frame2 | ank(HMM:5.1e-05) |
| 8413 | uC-osflM202091b10b1_frame2 | ank(HMM:5.5e-06) |
| 8414 | uC-osroM202030a07b1_frame1 | ank(HMM:5.9e-12) |
| 8415 | 35818_1.R1084_frame2 | ank(HMM:6.1e-13) |
| 8416 | LIB3431-047-P1-N1-D8_frame5 | ank(HMM:6.8e-21) |
| 8417 | 21576_1.R1084_frame3 | ank(HMM:7.1e-31) |
| 8418 | LIB3433-016-Q6-K6-F12_frame2 | ank(HMM:7.5e-06) |
| 8419 | 63383_1.R1084_frame1 | ank(HMM:7e-21) |
| 8420 | g4714237_frame2 | ank(HMM:8.1e-09) |
| 8421 | 26024_1.R1084_frame2 | ank(HMM:9.9e-41) |
| 8422 | g2442375_frame2 | ap2-domain(HMM:0.0001) |
| 8423 | uC-osflcyp004g06b1_frame3 | ap2-domain(HMM:0.00027) |
| 8424 | uC-osflM202047f04b1_frame3 | ap2-domain(HMM:0.00074) |
| 8425 | 55803_1.R1084_frame2 | ap2-domain(HMM:0.00076) |
| 8426 | 76713_1.R1084_frame3 | ap2-domain(HMM:0.0012) |
| 8427 | 96886_1.R1084_frame2 | ap2-domain(HMM:0.0067) |
| 8428 | uC-osrocyp029f11b1_frame2 | ap2-domain(HMM:0.0098) |
| 8429 | g2310291_frame3 | ap2-domain(HMM:0.011) |
| 8430 | 28040_1.R1084_frame3 | ap2-domain(HMM:0.58) |
| 8431 | g2799366_frame3 | ap2-domain(HMM:1.3e-13) |
| 8432 | g5667533_frame3 | ap2-domain(HMM:1.3e-13) |
| 8433 | 168_2.R1084_frame3 | ap2-domain(HMM:1.3e-40) |
| 8434 | g427910_frame3 | ap2-domain(HMM:1.4e-15) |
| 8435 | 88463_1.R1084_frame1 | ap2-domain(HMM:1.5e-15) |
| 8436 | 62487_1.R1084_frame3 | ap2-domain(HMM:1.6e-37) |
| 8437 | 49159_1.R1084_frame2 | ap2-domain(HMM:1.6e-39) |
| 8438 | 20783_2.R1084_frame3 | ap2-domain(HMM:1.7e-39) |
| 8439 | 34010_1.R1084_frame3 | ap2-domain(HMM:1.9e-27) |
| 8440 | 58360_1.R1084_frame3 | ap2-domain(HMM:1.9e-31) |
| 8441 | 69949_1.R1084_frame1 | ap2-domain(HMM:2.1e-19) |
| 8442 | 18824_1.R1084_frame1 | ap2-domain(HMM:2.1e-36) |
| 8443 | g5003396_frame3 | ap2-domain(HMM:2.2e-10) |
| 8444 | 38368_1.R1084_frame6 | ap2-domain(HMM:2.6e-18) |
| 8445 | 2466_1.R1084_frame3 | ap2-domain(HMM:2.6e-38) |
| 8446 | 21358_1.R1084_frame2 | ap2-domain(HMM:2.9e-38) |
| 8447 | 43210_1.R1084_frame1 | ap2-domain(HMM:3.2e-37) |
| 8448 | uC-osrocyp017c05b1_frame1 | ap2-domain(HMM:3.4e-09) |
| 8449 | 52863_1.R1084_frame3 | ap2-domain(HMM:3.4e-13) |
| 8450 | g702738_frame1 | ap2-domain(HMM:3.5e-06) |
| 8451 | LIB3431-060-P1-K1-F7_frame3 | ap2-domain(HMM:3.5e-17) |
| | uC-osrocyp021d02b1_frame3 | ap2-domain(HMM:4.1e-31) |

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| 8452 | g3760180_frame2 | ap2-domain(HMM:4.3e-09) |
| 8453 | 14887_1.R1084_frame2 | ap2-domain(HMM:4.8e-35) |
| 8454 | LIB3475-006-P1-K1-A9_frame2 | ap2-domain(HMM:4e-05) |
| 8455 | uC-osflcyp034f01b1_frame2 | ap2-domain(HMM:5.9e-14) |
| 8456 | 8473_1.R1084_frame2 | ap2-domain(HMM:5e-06) |
| 8457 | uC-osrocyp005g12b1_frame2 | ap2-domain(HMM:6.4e-18) |
| 8458 | g286671_frame2 | ap2-domain(HMM:7.1e-11) |
| 8459 | 1048_1.R1084_frame3 | ap2-domain(HMM:7.4e-33) |
| 8460 | uC-osflcyp143g12b1_frame3 | ap2-domain(HMM:7.5) |
| 8461 | 959_1.R1084_frame2 | ap2-domain(HMM:7.7e-39) |
| 8462 | uC-osroM202031h07b1_frame3 | ap2-domain(HMM:8.9e-10) |
| 8463 | 26037_1.R1084_frame3 | ap2-domain(HMM:9.1e-29) |
| 8464 | 59584_1.R1084_frame2 | ap2-domain(HMM:9.3e-35) |
| 8465 | g3107619_frame3 | ap2-domain(HMM:9.4e-20) |
| 8466 | g2427469_frame1 | "arf(HMM:0.0022),b3(HMM:3.1e-06)" |
| 8467 | g3762230_frame6 | arf(HMM:1.7e-17) |
| 8468 | 12155_1.R1084_frame1 | "arf(HMM:1.8e-12),b3(HMM:1.2e-27)" |
| 8469 | uC-osroM202019e10b1_frame2 | arf(HMM:2.9e-13) |
| 8470 | g3761532_frame2 | arf(HMM:2.9e-21) |
| 8471 | 44884_1.R1084_frame2 | "arf(HMM:3.3e-85),b3(HMM:1.2e-15)" |
| 8472 | 70520_1.R1084_frame2 | arf(HMM:3.8e-16) |
| 8473 | g569467_frame2 | "arf(HMM:6.5e-12),b3(HMM:6.9e-50)" |
| 8474 | g5004275_frame2 | "arf(HMM:6.6e-47),b3(HMM:1.7e-60)" |
| 8475 | LIB3477-001-P1-K1-E4_frame1 | arf(HMM:9.1e-08) |
| 8476 | 74873_1.R1084_frame1 | arid(HMM:2.7e-13) |
| 8477 | g3107746_frame3 | athook(HMM:0.017) |
| 8478 | g427942_frame1 | b3(HMM:0.00018) |
| 8479 | 12082_1.R1084_frame2 | b3(HMM:3.1e-59) |
| 8480 | uC-osroM202001b04a1_frame1 | b3(HMM:3.2e-17) |
| 8481 | 43153_1.R1084_frame1 | bah(HMM:0.6) |
| 8482 | 4430_1.R1084_frame6 | "bah(HMM:2.7e-36),phd(HMM:0.0017)" |
| 8483 | g4716249_frame2 | bpf-1(HMM:1.1e-79) |
| 8484 | g427671_frame3 | bpf-1(HMM:2.3e-76) |
| 8485 | uC-osflcyp026h10b1_frame1 | bpf-1(HMM:2.5e-90) |
| 8486 | 4131_1.R1084_frame5 | bpf-1(HMM:3e-36) |
| 8487 | 60036_1.R1084_frame1 | bpf-1(HMM:7.5e-38) |
| 8488 | 16810_1.R1084_frame2 | bromodomain(HMM:0.0044) |
| 8489 | uC-osroM202030e06a1_frame3 | bromodomain(HMM:1e-26) |
| 8490 | g5667387_frame2 | bromodomain(HMM:2.5) |
| 8491 | 44803_1.R1084_frame3 | bromodomain(HMM:2e-09) |
| 8492 | LIB3434-060-P1-K1-C1_frame2 | bromodomain(HMM:3.9e-33) |
| 8493 | g2442805_frame3 | bromodomain(HMM:4.3e-05) |
| 8494 | 28820_1.R1084_frame3 | bromodomain(HMM:6.3e-07) |
| 8495 | 54050_1.R1084_frame1 | bromodomain(HMM:6e-13) |
| 8496 | 54291_1.R1084_frame4 | btb(HMM:0.0015) |
| 8497 | LIB3433-047-P1-K1-D4_frame3 | btb(HMM:0.33) |
| 8498 | 2980_1.R1084_frame5 | btb(HMM:2.9e-08) |
| 8499 | 18452_1.R1084_frame1 | btb(HMM:3.3e-11) |

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| 8500 | 11264_1.R1084_frame1 | btb(HMM:3e-10) |
| 8501 | 33098_1.R1084_frame3 | btb(HMM:4.1e-05) |
| 8502 | 42362_1.R1084_frame2 | btb(HMM:5.1e-09) |
| 8503 | 78101_1.R1084_frame3 | btb(HMM:6.2e-06) |
| 8504 | LIB3431-031-P1-K1-E12_frame2 | bzip(HMM:0.00055) |
| 8505 | 9342_1.R1084_frame1 | bzip(HMM:0.00096) |
| 8506 | LIB3433-057-P1-K1-E1_frame3 | bzip(HMM:0.0053) |
| 8507 | 50880_1.R1084_frame6 | bzip(HMM:0.0063) |
| 8508 | 17054_1.R1084_frame2 | bzip(HMM:0.01) |
| 8509 | 35294_1.R1084_frame3 | bzip(HMM:0.016) |
| 8510 | LIB3434-016-P1-K1-D9_frame3 | bzip(HMM:0.27) |
| 8511 | g5803454_frame2 | bzip(HMM:0.36) |
| 8512 | 18517_1.R1084_frame3 | bzip(HMM:1.1e-13) |
| 8513 | LIB3433-019-P1-K1-C7_frame2 | bzip(HMM:1.1e-13) |
| 8514 | 274_1.R1084_frame1 | bzip(HMM:1.1e-18) |
| 8515 | 94811_1.R1084_frame2 | bzip(HMM:1.2e-11) |
| 8516 | 315_1.R1084_frame1 | bzip(HMM:1.2e-18) |
| 8517 | 15567_1.R1084_frame3 | bzip(HMM:1.4e-17) |
| 8518 | 988_1.R1084_frame3 | bzip(HMM:1.7e-11) |
| 8519 | 463_1.R1084_frame1 | bzip(HMM:1e-17) |
| 8520 | 2349_1.R1084_frame6 | bzip(HMM:2.5e-14) |
| 8521 | 21217_1.R1084_frame3 | bzip(HMM:2.6e-11) |
| 8522 | 315_2.R1084_frame3 | bzip(HMM:2.7e-18) |
| 8523 | g435945_frame2 | bzip(HMM:2.9e-12) |
| 8524 | uC-osrocyp030h03b1_frame1 | bzip(HMM:3.3e-05) |
| 8525 | 1005_1.R1084_frame2 | bzip(HMM:4.2e-21) |
| 8526 | LIB3434-035-P1-K1-D6_frame3 | bzip(HMM:4.7e-13) |
| 8527 | 980_1.R1084_frame3 | bzip(HMM:5.6e-22) |
| 8528 | g435943_frame3 | bzip(HMM:6.7e-13) |
| 8529 | 3184_1.R1084_frame4 | bzip(HMM:7.1e-13) |
| 8530 | 92_1.R1084_frame2 | bzip(HMM:7.5e-13) |
| 8531 | 749_1.R1084_frame2 | bzip(HMM:8.1e-15) |
| 8532 | 97344_1.R1084_frame1 | bzip(HMM:8.2e-08) |
| 8533 | uC-osflcyp013a12b1_frame2 | bzip(HMM:8.5) |
| 8534 | g2801356_frame2 | cbfd_nfyb_hmf(HMM:0.00072) |
| 8535 | 34342_1.R1084_frame2 | cbfd_nfyb_hmf(HMM:0.042) |
| 8536 | 7629_1.R1084_frame2 | "cbfd_nfyb_hmf(HMM:0.055),hi stone(HMM:8.5e-36)" |
| 8537 | LIB3434-023-P1-K1-B3_frame3 | cbfd_nfyb_hmf(HMM:1.5e-33) |
| 8538 | 26746_1.R1084_frame3 | cbfd_nfyb_hmf(HMM:2.7) |
| 8539 | 4245_1.R1084_frame4 | cbfd_nfyb_hmf(HMM:3.7e-37) |
| 8540 | g1632008_frame3 | cbfd_nfyb_hmf(HMM:6.4e-15) |
| 8541 | 19213_1.R1084_frame1 | cbfd_nfyb_hmf(HMM:9.2e-15) |
| 8542 | LIB3431-036-P1-N1-D4_frame4 | chromo(HMM:0.00024) |
| 8543 | 5302_1.R1084_frame4 | chromo(HMM:0.0071) |
| 8544 | 518_2.R1084_frame1 | chromo(HMM:1e-18) |
| 8545 | uC-osflm202108f08b1_frame2 | csd(HMM:0.016) |
| 8546 | g5004101_frame3 | csd(HMM:0.4) |
| 8547 | 58275_1.R1084_frame3 | csd(HMM:8.8e-09) |
| 8548 | g5004157_frame2 | dof(HMM:0.016) |
| 8549 | g3061221_frame3 | dof(HMM:0.19) |
| 8550 | uC-osflcyp127d01a1_frame2 | dof(HMM:1.1e-36) |
| 8551 | g4996647_frame2 | dof(HMM:1.2e-23) |

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| 8552 | 25092_1.R1084_frame1 | dof(HMM:1.2e-35) |
| 8553 | 133_1.R1084_frame3 | dof(HMM:1.4e-35) |
| 8554 | LIB3434-040-P1-K1-B11_frame3 | dof(HMM:1.9e-05) |
| 8555 | 130_5.R1084_frame2 | dof(HMM:2.4e-29) |
| 8556 | uC-osroM202007g08a1_frame6 | dof(HMM:2.7e-17) |
| 8557 | 130_1.R1084_frame3 | dof(HMM:2e-31) |
| 8558 | 130_3.R1084_frame2 | dof(HMM:4.9e-37) |
| 8559 | g4996641_frame3 | dof(HMM:4.9e-37) |
| 8560 | g2311601_frame3 | dof(HMM:6.6e-20) |
| 8561 | 81962_1.R1084_frame3 | dof(HMM:8.2e-36) |
| 8562 | 321_2.R1084_frame1 | dpb(HMM:1.6e-75) |
| 8563 | g3760217_frame2 | dpb(HMM:1.9e-07) |
| 8564 | g568555_frame1 | dpb(HMM:2.4e-08) |
| 8565 | LIB3433-019-P1-K1-A4_frame1 | dpb(HMM:3.3e-07) |
| 8566 | 13861_1.R1084_frame2 | dpb(HMM:4.4e-08) |
| 8567 | 4529_1.R1084_frame6 | dpb(HMM:8.4) |
| 8568 | LIB3433-009-Q6-K1-F2_frame2 | dpb(HMM:9.1e-08) |
| 8569 | 321_6.R1084_frame2 | dpb(HMM:9.5e-06) |
| 8570 | LIB3433-031-P1-K1-B2_frame3 | enbp(HMM:1.1e-09) |
| 8571 | g4880919_frame1 | gata(HMM:0.023) |
| 8572 | uC-osroM202001c10a1_frame1 | gata(HMM:0.027) |
| 8573 | g2431491_frame2 | gata(HMM:0.22) |
| 8574 | uC-osflcyp057d06b1_frame2 | gata(HMM:1.9e-08) |
| 8575 | g2798782_frame1 | gata(HMM:2.2e-14) |
| 8576 | 23385_1.R1084_frame3 | gata(HMM:2.7e-07) |
| 8577 | uC-osflcyp109f08b1_frame1 | gata(HMM:4.3e-06) |
| 8578 | LIB3431-060-P1-K1-D6_frame1 | gld-tea(HMM:0.042) |
| 8579 | LIB3434-018-P1-K1-D7_frame1 | gld-tea(HMM:0.35) |
| 8580 | 50521_1.R1084_frame6 | gld-tea(HMM:0.43) |
| 8581 | uC-osrocyp028f03b1_frame1 | gld-tea(HMM:1.2e-27) |
| 8582 | LIB3475-003-P1-K2-F4_frame3 | gld-tea(HMM:1.3e-10) |
| 8583 | LIB3433-055-P1-K1-H1_frame1 | gld-tea(HMM:2.1e-37) |
| 8584 | 13229_1.R1084_frame1 | gld-tea(HMM:2.9e-06) |
| 8585 | 25505_1.R1084_frame1 | gld-tea(HMM:3.4e-32) |
| 8586 | LIB3474-012-P1-K1-E2_frame3 | gld-tea(HMM:3.4e-32) |
| 8587 | 13862_1.R1084_frame1 | gld-tea(HMM:3e-30) |
| 8588 | 15158_1.R1084_frame1 | gld-tea(HMM:5.1e-31) |
| 8589 | 5854_1.R1084_frame1 | gld-tea(HMM:6.7e-34) |
| 8590 | g287019_frame3 | gld-tea(HMM:6.8e-30) |
| 8591 | uC-osflcyp026d03b1_frame3 | gld-tea(HMM:6.8e-30) |
| 8592 | 39607_1.R1084_frame3 | gld-tea(HMM:9.7e-06) |
| 8593 | uC-osflcyp122c12b1_frame2 | gld-tea(HMM:9.7e-32) |
| 8594 | LIB3477-009-P1-K1-B9_frame2 | hhh(HMM:2.9e-07) |
| 8595 | 20921_1.R1084_frame1 | hist_deacetyl(HMM:0.064) |
| 8596 | g2800762_frame1 | hist_deacetyl(HMM:0.5) |
| 8597 | 31559_2.R1084_frame1 | hist_deacetyl(HMM:0.89) |
| 8598 | uC-osflm202048g11b1_frame2 | hist_deacetyl(HMM:1.2e-15) |
| 8599 | LIB3433-016-Q6-K6-F5_frame1 | hist_deacetyl(HMM:1.7e-07) |
| 8600 | LIB3432-035-P2-K1-D11_frame2 | hist_deacetyl(HMM:2.1e-06) |
| 8601 | LIB3431-063-P1-K1-F4_frame2 | hist_deacetyl(HMM:4.5e-08) |
| 8602 | uC-osflm202109g01b1_frame3 | hist_deacetyl(HMM:4.8e-09) |
| 8603 | uC-osrocyp027g06b1_frame2 | histone(HMM:0.00012) |

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| 8658 | 267_5.R1084_frame1 | histone(HMM:3.6e-47) |
| 8659 | 705_10.R1084_frame2 | histone(HMM:3.7e-45) |
| 8660 | g5803476_frame3 | histone(HMM:3.9e-28) |
| 8661 | uC-osflcyp037h01b1_frame2 | histone(HMM:4.8e-29) |
| 8662 | uC-osflcyp035e11b1_frame3 | histone(HMM:4.8e-46) |
| 8663 | g5816488_frame1 | histone(HMM:4.9e-43) |
| 8664 | g426955_frame1 | histone(HMM:5.5e-05) |
| 8665 | uC-osrocyp002h02b1_frame3 | histone(HMM:5.6e-18) |
| 8666 | LIB3432-018-P1-K1-G3_frame3 | histone(HMM:5.7e-34) |
| 8667 | LIB3431-010-P1-K1-D11_frame2 | histone(HMM:5.7e-36) |
| 8668 | g5816502_frame2 | histone(HMM:5.7e-44) |
| 8669 | 5333_1.R1084_frame5 | histone(HMM:5.7e-50) |
| 8670 | 705_4.R1084_frame2 | histone(HMM:5.8e-46) |
| 8671 | g572044_frame1 | histone(HMM:6.2e-38) |
| 8672 | uC-osrocyp025b04a1_frame6 | histone(HMM:6.7e-21) |
| 8673 | LIB3433-014-Q6-K1-D4_frame1 | histone(HMM:6.8e-23) |
| 8674 | uC-osflcyp049c12b1_frame3 | histone(HMM:6.9e-09) |
| 8675 | 705_2.R1084_frame2 | histone(HMM:7.4e-46) |
| 8676 | 666_10.R1084_frame3 | histone(HMM:7.5e-19) |
| 8677 | 666_11.R1084_frame3 | histone(HMM:7.5e-19) |
| 8678 | 666_12.R1084_frame2 | histone(HMM:7.5e-19) |
| 8679 | 666_14.R1084_frame1 | histone(HMM:7.5e-19) |
| 8680 | 666_15.R1084_frame2 | histone(HMM:7.5e-19) |
| 8681 | 666_17.R1084_frame3 | histone(HMM:7.5e-19) |
| 8682 | 666_5.R1084_frame1 | histone(HMM:7.5e-19) |
| 8683 | 666_6.R1084_frame3 | histone(HMM:7.5e-19) |
| 8684 | 705_11.R1084_frame2 | histone(HMM:7.6e-44) |
| 8685 | 267_8.R1084_frame1 | histone(HMM:7.9e-11) |
| 8686 | 666_7.R1084_frame3 | histone(HMM:8.1e-13) |
| 8687 | 960_1.R1084_frame3 | histone(HMM:8.1e-41) |
| 8688 | g3763259_frame2 | histone(HMM:8.3e-13) |
| 8689 | 16996_1.R1084_frame2 | histone(HMM:9.2e-46) |
| 8690 | 16996_2.R1084_frame2 | histone(HMM:9.2e-46) |
| 8691 | uC-osroM202014h03b1_frame3 | histone(HMM:9.3) |
| 8692 | g4880864_frame3 | histone(HMM:9.4e-13) |
| 8693 | 267_1.R1084_frame1 | histone(HMM:9.5e-47) |
| 8694 | 434_2.R1084_frame2 | histone(HMM:9.5e-47) |
| 8695 | g5816487_frame1 | histone(HMM:9.5e-47) |
| 8696 | g5816491_frame2 | histone(HMM:9.5e-47) |
| 8697 | g5816524_frame2 | histone(HMM:9.5e-47) |
| 8698 | g5816566_frame2 | histone(HMM:9.5e-47) |
| 8699 | uC-osflcyp013d01b1_frame2 | histone(HMM:9.5e-47) |
| 8700 | uC-osflcyp021e08b1_frame1 | histone(HMM:9.5e-47) |
| 8701 | uC-osrocyp027g11b1_frame1 | histone(HMM:9.5e-47) |
| 8702 | 705_3.R1084_frame1 | histone(HMM:9.7e-47) |
| 8703 | g702652_frame3 | hlh(HMM:0.00014) |
| 8704 | 81247_1.R1084_frame1 | hlh(HMM:0.0019) |
| 8705 | 15051_1.R1084_frame1 | hlh(HMM:0.0095) |
| 8706 | 29653_1.R1084_frame2 | hlh(HMM:0.012) |
| 8707 | jC-osleLIB3474037b08a1_frame6 | hlh(HMM:0.026) |
| 8708 | LIB3434-053-P1-K1-F8_frame3 | hlh(HMM:1.5e-07) |
| 8709 | 62323_1.R1084_frame3 | hlh(HMM:1.7e-08) |

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| 8710 | g1086539_frame3 | hlh(HMM:1.7e-15) |
| 8711 | 59186_1.R1084_frame2 | hlh(HMM:2.8e-06) |
| 8712 | g3107471_frame1 | hlh(HMM:3.3e-08) |
| 8713 | 1808_1.R1084_frame6 | hlh(HMM:3.7e-06) |
| 8714 | 4295_1.R1084_frame4 | hlh(HMM:3.8e-10) |
| 8715 | 33187_1.R1084_frame1 | hlh(HMM:4.1e-14) |
| 8716 | 11488_1.R1084_frame1 | hlh(HMM:4.2e-14) |
| 8717 | g569497_frame3 | hlh(HMM:4.5e-12) |
| 8718 | g1086541_frame1 | hlh(HMM:4.8e-09) |
| 8719 | g5003540_frame3 | hlh(HMM:6.2e-12) |
| 8720 | 15298_1.R1084_frame3 | hlh(HMM:8.9e-07) |
| 8721 | g5039098_frame2 | hlh(HMM:9e-05) |
| 8722 | uC-osflcyp018f07b1_frame1 | hmg_box(HMM:0.0033) |
| 8723 | g2800810_frame1 | hmg_box(HMM:0.0057) |
| 8724 | uC-osflcyp073d12b1_frame1 | hmg_box(HMM:0.0085) |
| 8725 | 704_1.R1084_frame1 | hmg_box(HMM:0.01) |
| 8726 | LIB3431-003-P1-K1-D12_frame1 | hmg_box(HMM:0.49) |
| 8727 | LIB3431-043-P1-K1-A12_frame3 | hmg_box(HMM:0.8) |
| 8728 | g3090528_frame3 | hmg_box(HMM:1.2e-19) |
| 8729 | 41330_1.R1084_frame3 | hmg_box(HMM:1.5e-17) |
| 8730 | 894_2.R1084_frame3 | hmg_box(HMM:1.6e-05) |
| 8731 | g2442391_frame3 | hmg_box(HMM:1.9e-11) |
| 8732 | LIB3431-044-P1-K1-F10_frame3 | hmg_box(HMM:2.3e-05) |
| 8733 | g2442209_frame3 | hmg_box(HMM:2.5e-22) |
| 8734 | g4878754_frame3 | hmg_box(HMM:2.6e-20) |
| 8735 | g3767495_frame2 | hmg_box(HMM:2.8e-28) |
| 8736 | LIB3434-047-P1-K1-D1_frame2 | hmg_box(HMM:2.8e-28) |
| 8737 | uC-osroM202018f09b1_frame1 | hmg_box(HMM:2.8e-28) |
| 8738 | LIB3433-020-P1-K1-H6_frame2 | hmg_box(HMM:2.9e-25) |
| 8739 | g701542_frame3 | hmg_box(HMM:2.9e-28) |
| 8740 | LIB3431-015-P1-K1-D9_frame1 | hmg_box(HMM:2e-05) |
| 8741 | g4880979_frame3 | hmg_box(HMM:2e-07) |
| 8742 | g4878390_frame1 | hmg_box(HMM:3.3e-20) |
| 8743 | 50300_1.R1084_frame4 | hmg_box(HMM:3.4e-10) |
| 8744 | 408_1.R1084_frame3 | hmg_box(HMM:3.9e-24) |
| 8745 | LIB3431-015-P1-K1-D5_frame1 | hmg_box(HMM:4.7e-22) |
| 8746 | LIB3431-010-P1-K1-C3_frame2 | hmg_box(HMM:4.8e-20) |
| 8747 | 894_1.R1084_frame3 | hmg_box(HMM:5.2e-31) |
| 8748 | 894_4.R1084_frame2 | hmg_box(HMM:5.2e-31) |
| 8749 | LIB3433-043-P1-K1-G2_frame1 | hmg_box(HMM:5.2e-31) |
| 8750 | g572169_frame1 | hmg_box(HMM:5.4e-19) |
| 8751 | 3604_1.R1084_frame5 | hmg_box(HMM:5.9e-12) |
| 8752 | g701299_frame2 | hmg_box(HMM:5.9e-18) |
| 8753 | 26222_1.R1084_frame1 | hmg_box(HMM:6.1) |
| 8754 | g425923_frame3 | hmg_box(HMM:7.4e-19) |
| 8755 | 22604_1.R1084_frame1 | hmg_box(HMM:8.3e-18) |
| 8756 | g569750_frame1 | hmg_box(HMM:8.8e-25) |
| 8757 | 556_1.R1084_frame3 | "homeobox(HMM:0.00017),homeobox_knox3(9.4e-40)" |
| 8758 | 137_1.R1084_frame2 | "homeobox(HMM:0.0027),homeobox_knox3(7.9e-36)" |
| 8759 | 12099_1.R1084_frame2 | "homeobox(HMM:0.0042),homeobox_knox3(7.9e-36)" |

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| | | obox_knox3(2.7e-12)" |
| 8760 | 38_1.R1084_frame3 | "homeobox(HMM:0.0076),homeobox_knox3(5.7e-21)" |
| 8761 | 39_2.R1084_frame1 | "homeobox(HMM:0.0087),homeobox_knox3(4.3e-23)" |
| 8762 | 39_1.R1084_frame2 | "homeobox(HMM:0.0087),homeobox_knox3(7.3e-23)" |
| 8763 | 40_1.R1084_frame2 | "homeobox(HMM:0.0098),homeobox_knox3(6.9e-21)" |
| 8764 | 95453_1.R1084_frame1 | "homeobox(HMM:0.023),homeobox_knox3(4.1e-12)" |
| 8765 | LIB3475-008-P1-K1-B6_frame2 | homeobox(HMM:0.03) |
| 8766 | 36_1.R1084_frame2 | "homeobox(HMM:0.034),homeobox_knox3(1.0e-33)" |
| 8767 | g5103730_frame1 | "homeobox(HMM:0.33),homeobox_knox3(7.0e-30)" |
| 8768 | 1062_1.R1084_frame3 | homeobox(HMM:1.3e-19) |
| 8769 | 268_1.R1084_frame1 | homeobox(HMM:1.4e-17) |
| 8770 | g5006856_frame3 | homeobox(HMM:1.5e-19) |
| 8771 | 34_3.R1084_frame3 | "homeobox(HMM:1.8e-05),homeobox_knox3(5.2e-31)" |
| 8772 | 25184_1.R1084_frame2 | homeobox(HMM:2.4e-18) |
| 8773 | 1063_1.R1084_frame2 | homeobox(HMM:2.4e-20) |
| 8774 | 34_1.R1084_frame3 | "homeobox(HMM:3.1e-05),homeobox_knox3(1.1e-37)" |
| 8775 | 1061_1.R1084_frame1 | homeobox(HMM:3.2e-16) |
| 8776 | 268_2.R1084_frame2 | homeobox(HMM:3.9e-17) |
| 8777 | uC-osflcyp029c12b1_frame1 | homeobox(HMM:3e-06) |
| 8778 | g2310468_frame3 | homeobox(HMM:4.2e-05) |
| 8779 | 34_2.R1084_frame1 | "homeobox(HMM:4.2e-06),homeobox_knox3(4.5e-31)" |
| 8780 | g5006858_frame1 | homeobox(HMM:4.2e-17) |
| 8781 | 2872_1.R1084_frame5 | "homeobox(HMM:4.4),homeobox_knox3(3.2e-10)" |
| 8782 | g5038642_frame5 | homeobox(HMM:4.7e-17) |
| 8783 | 12768_1.R1084_frame1 | homeobox(HMM:6.6e-19) |
| 8784 | LIB3433-009-Q6-K1-C9_frame3 | hsf_dna-bind(HMM:0.00017) |
| 8785 | 70825_1.R1084_frame1 | hsf_dna-bind(HMM:1.6e-12) |
| 8786 | g5003430_frame1 | hsf_dna-bind(HMM:1.8e-05) |
| 8787 | LIB3474-012-P1-K1-B8_frame3 | hsf_dna-bind(HMM:3.3e-14) |
| 8788 | g2280919_frame3 | iaa(HMM:0.00026) |
| 8789 | 52168_1.R1084_frame5 | iaa(HMM:0.001) |
| 8790 | g571933_frame1 | iaa(HMM:0.002) |
| 8791 | LIB3434-064-P1-K1-E7_frame1 | iaa(HMM:0.0064) |
| 8792 | g426000_frame1 | iaa(HMM:0.012) |
| 8793 | LIB3479-005-Q6-K1-H6_frame1 | iaa(HMM:0.033) |
| 8794 | 39441_1.R1084_frame5 | iaa(HMM:0.11) |
| 8795 | g3107788_frame1 | iaa(HMM:0.28) |
| 8796 | 21437_1.R1084_frame2 | iaa(HMM:1.1e-38) |
| 8797 | 17191_1.R1084_frame3 | iaa(HMM:1.1e-51) |
| 8798 | uC-osflcyp010g02b1_frame2 | iaa(HMM:1.2e-06) |
| 8799 | uC-osflcyp159g02b1_frame3 | iaa(HMM:1.2e-06) |
| 8800 | 20063_1.R1084_frame2 | iaa(HMM:1.2e-07) |
| 8801 | g3761829_frame1 | iaa(HMM:1.2e-25) |

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| 8840 | 13_1.R1084_frame2 | tf(HMM:3.7e-38)" |
| 8841 | g6650549_frame2 | "k-box(HMM:6e-42),srf- tf(HMM:4.2e-38)" |
| 8842 | uC-osflcyp152d12b1_frame3 | "k-box(HMM:7.3e-37),srf- tf(HMM:3.3e-35)" |
| 8843 | g2443206_frame2 | "k-box(HMM:8.3e-05),srf- tf(HMM:1.9e-35)" |
| 8844 | 1054_1.R1084_frame3 | "k-box(HMM:8e-28),srf- tf(HMM:2.6e-34)" |
| 8845 | 14_1.R1084_frame2 | "k-box(HMM:9.3e-40),srf- tf(HMM:5.6e-38)" |
| 8846 | 12_1.R1084_frame3 | "k-box(HMM:9.7e-16),srf- tf(HMM:3.1e-32)" |
| 8847 | 33471_1.R1084_frame2 | lim(HMM:0.00033) |
| 8848 | 36105_1.R1084_frame5 | lim(HMM:1.1e-10) |
| 8849 | 29906_1.R1084_frame2 | lim(HMM:1.4e-14) |
| 8850 | 32464_1.R1084_frame2 | lim(HMM:3.6e-16) |
| 8851 | 47245_1.R1084_frame3 | lim(HMM:4.8e-13) |
| 8852 | 15955_1.R1084_frame1 | lim(HMM:5.1e-14) |
| 8853 | uC-osflcyp025_frame2 | lim(HMM:8.2e-15) |
| 8854 | 29109_1.R1084_frame7 | lim(HMM:9.9e-30) |
| 8855 | 10135_1.R1084_frame3 | linker_histone(HMM:0.00041) |
| 8856 | g4880179_frame3 | linker_histone(HMM:0.0033) |
| 8857 | 58045_2.R1084_frame3 | linker_histone(HMM:0.014),myb_dna-binding(HMM:0.00018)" |
| 8858 | g3106829_frame2 | linker_histone(HMM:0.023) |
| 8859 | uC-osflcyp033a05b1_frame2 | linker_histone(HMM:0.65) |
| 8860 | 6443_2.R1084_frame1 | linker_histone(HMM:1.2e-40) |
| 8861 | 6443_1.R1084_frame2 | linker_histone(HMM:1.6e-22) |
| 8862 | 1650_1.R1084_frame4 | linker_histone(HMM:1.7e-29) |
| 8863 | g3768078_frame1 | linker_histone(HMM:2.5e-07) |
| 8864 | 361_1.R1084_frame2 | linker_histone(HMM:3.4e-27) |
| 8865 | 565_1.R1084_frame3 | linker_histone(HMM:3e-20) |
| 8866 | 24136_1.R1084_frame2 | linker_histone(HMM:4.2e-35) |
| 8867 | 316_1.R1084_frame1 | linker_histone(HMM:5.5e-20) |
| 8868 | 361_2.R1084_frame3 | linker_histone(HMM:7.3e-13) |
| 8869 | 361_8.R1084_frame7 | linker_histone(HMM:8.1e-24) |
| 8870 | 11900_1.R1084_frame2 | linker_histone(HMM:0.0083) |
| 8871 | uC-osflcyp02109f10b1_frame1 | myb_dna-binding(HMM:0.00083) |
| 8872 | g5038822_frame2 | myb_dna-binding(HMM:0.0059) |
| 8873 | LIB3432-060-P1-K1-G9_frame1 | myb_dna-binding(HMM:0.011) |
| 8874 | 29944_1.R1084_frame1 | myb_dna-binding(HMM:0.032) |
| 8875 | uC-osflcyp085a07b1_frame1 | myb_dna-binding(HMM:0.053) |
| 8876 | 2963_2.R1084_frame5 | myb_dna-binding(HMM:0.063) |
| 8877 | uC-osroM202011d03b1_frame1 | myb_dna-binding(HMM:0.081) |
| 8878 | 25807_1.R1084_frame1 | myb_dna-binding(HMM:0.11) |
| 8879 | g2427551_frame1 | myb_dna-binding(HMM:0.13) |
| 8880 | g3761372_frame3 | myb_dna-binding(HMM:0.21) |
| 8881 | g3768333_frame3 | myb_dna-binding(HMM:0.35) |
| 8882 | LIB3475-005-P1-K1-C3_frame3 | myb_dna-binding(HMM:1.1e-08) |

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| 8883 | uC-osflcyp144f11b1_frame2 | myb_dna-binding(HMM:1.1e-08) |
| 8884 | 36633_1.R1084_frame6 | myb_dna-binding(HMM:1.1e-11) |
| 8885 | uC-osflcyp029f12b1_frame2 | myb_dna-binding(HMM:1.1e-17) |
| 8886 | uC-osflm202106g04b1_frame2 | myb_dna-binding(HMM:1.1e-18) |
| 8887 | uC-osflcyp037e12b1_frame1 | myb_dna-binding(HMM:1.1e-19) |
| 8888 | 57759_1.R1084_frame3 | myb_dna-binding(HMM:1.1e-23) |
| 8889 | g4138298_frame1 | myb_dna-binding(HMM:1.1e-38) |
| 8890 | g2943795_frame1 | myb_dna-binding(HMM:1.2e-14) |
| 8891 | 15286_1.R1084_frame1 | myb_dna-binding(HMM:1.2e-16) |
| 8892 | uC-osflcyp159c11b1_frame1 | myb_dna-binding(HMM:1.3e-45) |
| 8893 | g1946266_frame2 | myb_dna-binding(HMM:1.4e-46) |
| 8894 | 62726_1.R1084_frame1 | myb_dna-binding(HMM:1.6) |
| 8895 | g428572_frame2 | myb_dna-binding(HMM:1.6e-05) |
| 8896 | 66726_1.R1084_frame2 | myb_dna-binding(HMM:1.7) |
| 8897 | 52906_1.R1084_frame3 | myb_dna-binding(HMM:1.7e-34) |
| 8898 | g1945280_frame1 | myb_dna-binding(HMM:1.8e-42) |
| 8899 | g2605618_frame3 | myb_dna-binding(HMM:1.8e-45) |
| 8900 | g2943796_frame1 | myb_dna-binding(HMM:1e-11) |
| 8901 | g1945278_frame1 | myb_dna-binding(HMM:1e-43) |
| 8902 | 6098_1.R1084_frame2 | myb_dna-binding(HMM:2.2) |
| 8903 | uC-osflcyp039g02b1_frame3 | myb_dna-binding(HMM:2.2e-13) |
| 8904 | 5500_1.R1084_frame6 | myb_dna-binding(HMM:2.5e-18) |
| 8905 | uC-osflcyp110b03b1_frame2 | myb_dna-binding(HMM:2.7) |
| 8906 | g2943797_frame1 | myb_dna-binding(HMM:2.8e-11) |
| 8907 | 62069_1.R1084_frame2 | myb_dna-binding(HMM:2e-25) |
| 8908 | 254_1.R1084_frame3 | myb_dna-binding(HMM:2e-43) |
| 8909 | g2605620_frame1 | myb_dna-binding(HMM:3.5e-41) |
| 8910 | 283_1.R1084_frame3 | myb_dna-binding(HMM:3.5e-45) |
| 8911 | 72799_1.R1084_frame3 | myb_dna-binding(HMM:3.6e-20) |
| 8912 | g2442373_frame1 | myb_dna-binding(HMM:3.8e-05) |
| 8913 | 201_1.R1084_frame1 | myb_dna-binding(HMM:4.3e-46) |
| 8914 | g2605624_frame2 | myb_dna-binding(HMM:4.9e-40) |
| 8915 | uC-osrocyp014d02b1_frame1 | myb_dna-binding(HMM:5.1e-22) |
| 8916 | g2943794_frame1 | myb_dna-binding(HMM:5.3e-12) |
| 8917 | 96537_1.R1084_frame3 | myb_dna-binding(HMM:5.7e-06) |
| 8918 | g569489_frame1 | myb_dna-binding(HMM:5.9e-11) |
| 8919 | 2963_1.R1084_frame4 | myb_dna-binding(HMM:6.7e-05) |
| 8920 | LIB3477-010-P1-K1-A3_frame2 | myb_dna-binding(HMM:6.8e-23) |
| 8921 | g2943798_frame1 | myb_dna-binding(HMM:6e-12) |
| 8922 | LIB3433-019-P1-K1-H3_frame3 | myb_dna-binding(HMM:7.3e-09) |
| 8923 | g2431275_frame1 | myb_dna-binding(HMM:7.3e-42) |
| 8924 | LIB3434-054-P1-K1-G7_frame1 | myb_dna-binding(HMM:7.6e-19) |
| 8925 | LIB3433-021-P1-K1-E2_frame2 | myb_dna-binding(HMM:7.9e-05) |
| 8926 | g2605622_frame1 | myb_dna-binding(HMM:8.6e-37) |
| 8927 | LIB3434-018-P1-K1-F3_frame2 | myb_dna-binding(HMM:8e-41) |
| 8928 | g1945282_frame3 | myb_dna-binding(HMM:9.8e-41) |
| 8929 | uC-osflcyp108a02b1_frame1 | nam(HMM:0.00028) |
| 8930 | g2280766_frame1 | nam(HMM:0.0019) |
| 8931 | LIB3432-025-P1-K1-C4_frame1 | nam(HMM:0.0035) |
| 8932 | g700446_frame2 | nam(HMM:0.0052) |
| 8933 | g426135_frame2 | nam(HMM:0.0058) |
| 8934 | g3462546_frame3 | nam(HMM:0.031) |
| 8935 | uC-osroM202007c05b1_frame3 | nam(HMM:0.14) |
| 8936 | 58401_1.R1084_frame2 | nam(HMM:1.2e-77) |

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| 8937 | 73288_1.R1084_frame2 | nam(HMM:1.4e-06) |
| 8938 | uC-osroM202017g09a1_frame1 | nam(HMM:1.4e-06) |
| 8939 | 69232_1.R1084_frame1 | nam(HMM:1.5e-18) |
| 8940 | 23606_1.R1084_frame1 | nam(HMM:1.9e-06) |
| 8941 | 77469_1.R1084_frame3 | nam(HMM:1.9e-07) |
| 8942 | 45084_1.R1084_frame1 | nam(HMM:2.1) |
| 8943 | LIB3431-001-P1-K1-G9_frame2 | nam(HMM:2.1e-05) |
| 8944 | LIB3432-002-P1-K1-B11_frame2 | nam(HMM:2.1e-12) |
| 8945 | g2310551_frame3 | nam(HMM:2.5) |
| 8946 | LIB3477-009-P1-K1-E12_frame2 | nam(HMM:2.7e-08) |
| 8947 | LIB3432-002-P1-K1-B6_frame1 | nam(HMM:3.1e-36) |
| 8948 | 86873_1.R1084_frame1 | nam(HMM:3.2e-08) |
| 8949 | 8308_1.R1084_frame2 | nam(HMM:3.7e-07) |
| 8950 | 32554_1.R1084_frame1 | nam(HMM:3.8e-73) |
| 8951 | LIB3434-009-P1-K1-B11_frame1 | nam(HMM:3.9e-10) |
| 8952 | g3762088_frame6 | nam(HMM:4.3e-57) |
| 8953 | uC-osroM202005c08b1_frame3 | nam(HMM:4.8e-07) |
| 8954 | uC-osroM202029c07b1_frame3 | nam(HMM:4.9e-32) |
| 8955 | 26933_1.R1084_frame1 | nam(HMM:5.2e-40) |
| 8956 | g5003897_frame2 | nam(HMM:5.3e-18) |
| 8957 | uC-osflcyp142b08b1_frame1 | nam(HMM:5.4e-41) |
| 8958 | 42911_1.R1084_frame3 | nam(HMM:6.1e-21) |
| 8959 | g3768398_frame3 | nam(HMM:6.5e-27) |
| 8960 | 11904_1.R1084_frame1 | nam(HMM:6.5e-42) |
| 8961 | 41770_1.R1084_frame2 | nam(HMM:6.8e-06) |
| 8962 | 10326_1.R1084_frame1 | nam(HMM:7.5) |
| 8963 | 8132_1.R1084_frame2 | nam(HMM:7e-32) |
| 8964 | uC-osrocyp010a11b1_frame3 | nam(HMM:8.3e-08) |
| 8965 | 60369_1.R1084_frame2 | nam(HMM:8.9e-42) |
| 8966 | 2878_1.R1084_frame6 | nam(HMM:8e-83) |
| 8967 | 14254_1.R1084_frame1 | nam(HMM:9.2e-83) |
| 8968 | 17383_1.R1084_frame2 | nap_family(HMM:0.014) |
| 8969 | g4715450_frame2 | nap_family(HMM:0.024) |
| 8970 | g5004085_frame3 | nap_family(HMM:4.6e-07) |
| 8971 | 26430_1.R1084_frame1 | nap_family(HMM:5.2e-11) |
| 8972 | g3107495_frame2 | nap_family(HMM:9.7e-05) |
| 8973 | 23048_1.R1084_frame2 | nap_family(HMM:9.9e-134) |
| 8974 | 473_3.R1084_frame1 | phd(HMM:0.00026) |
| 8975 | 4628_1.R1084_frame6 | phd(HMM:0.00027) |
| 8976 | 21284_1.R1084_frame2 | phd(HMM:0.0036) |
| 8977 | 30447_1.R1084_frame3 | phd(HMM:0.047) |
| 8978 | 806_1.R1084_frame3 | phd(HMM:0.049) |
| 8979 | g3107408_frame2 | phd(HMM:0.052) |
| 8980 | LIB3432-044-P1-K1-F12_frame1 | phd(HMM:0.66) |
| 8981 | 71359_1.R1084_frame1 | phd(HMM:1.5e-11) |
| 8982 | 15349_1.R1084_frame2 | phd(HMM:1e-05) |
| 8983 | 834_1.R1084_frame1 | phd(HMM:2.5e-13) |
| 8984 | g2310253_frame2 | phd(HMM:2.8e-12) |
| 8985 | 33858_1.R1084_frame1 | phd(HMM:3.2e-10) |
| 8986 | LIB3475-001-P1-K2-A6_frame3 | phd(HMM:4.6e-05) |
| 8987 | g2310356_frame1 | phd(HMM:4.9e-13) |

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| 8988 | 33805_1.R1084_frame3 | phd(HMM:5.5e-07) |
| 8989 | 3817_1.R1084_frame5 | phd(HMM:8.7e-12) |
| 8990 | 6912_2.R1084_frame1 | response_reg(HMM:0.0024) |
| 8991 | g428412_frame3 | response_reg(HMM:0.0046) |
| 8992 | 18941_1.R1084_frame2 | response_reg(HMM:0.13) |
| 8993 | g428793_frame2 | response_reg(HMM:0.25) |
| 8994 | g2310482_frame3 | response_reg(HMM:0.46) |
| 8995 | 6694_1.R1084_frame2 | response_reg(HMM:1.1e-29) |
| 8996 | 27227_1.R1084_frame3 | response_reg(HMM:2.5e-33) |
| 8997 | 65600_1.R1084_frame2 | response_reg(HMM:6.7e-05) |
| 8998 | uC-osflcyp152a08b1_frame3 | response_reg(HMM:6e-36) |
| 8999 | 30154_1.R1084_frame2 | response_reg(HMM:8.8e-10) |
| 9000 | uC-osflM202098d12b1_frame3 | response_reg(HMM:8e-08) |
| 9001 | 57553_1.R1084_frame2 | sbpb(HMM:0.00027) |
| 9002 | g3060979_frame3 | sbpb(HMM:0.00029) |
| 9003 | g2427896_frame2 | sbpb(HMM:0.0017) |
| 9004 | LIB3431-005-P1-K1-A11_frame2 | sbpb(HMM:1.2e-07) |
| 9005 | uC-osflcyp111h05b1_frame2 | sbpb(HMM:4e-22) |
| 9006 | 413_1.R1084_frame4 | sbpb(HMM:4e-41) |
| 9007 | LIB3431-003-P1-K1-F10_frame2 | scr(HMM:0.00012) |
| 9008 | g2428032_frame2 | scr(HMM:0.00014) |
| 9009 | g2800755_frame2 | scr(HMM:0.0015) |
| 9010 | LIB3475-010-P1-K1-G4_frame3 | scr(HMM:0.013) |
| 9011 | LIB3475-004-P1-K2-A7_frame2 | scr(HMM:0.034) |
| 9012 | 3411_1.R1084_frame4 | scr(HMM:0.11) |
| 9013 | LIB3434-055-P1-K1-A3_frame1 | scr(HMM:0.24) |
| 9014 | uC-osflcyp154e07b1_frame1 | scr(HMM:1.9e-12) |
| 9015 | 58370_1.R1084_frame2 | scr(HMM:2.2e-08) |
| 9016 | 16838_1.R1084_frame1 | scr(HMM:2.3e-05) |
| 9017 | 869_1.R1084_frame2 | scr(HMM:2.4e-09) |
| 9018 | 92707_1.R1084_frame1 | scr(HMM:2e-24) |
| 9019 | g1632595_frame3 | scr(HMM:4.8e-10) |
| 9020 | uC-osroM202029e07a1_frame4 | scr(HMM:5.5) |
| 9021 | 47013_1.R1084_frame5 | scr(HMM:8.5e-19) |
| 9022 | uC-osflM202039c07b1_frame4 | scr(HMM:8.8e-13) |
| 9023 | LIB3434-040-P1-K1-A12_frame2 | scr(HMM:9.3e-30) |
| 9024 | LIB3433-008-Q6-K1-D12_frame3 | set(HMM:0.0009) |
| 9025 | g286292_frame3 | set(HMM:0.29) |
| 9026 | g3767459_frame2 | set(HMM:1.3e-10) |
| 9027 | LIB3474-011-P1-K1-F11_frame3 | set(HMM:1.6e-07) |
| 9028 | g6024918_frame5 | set(HMM:2.3e-05) |
| 9029 | 13697_1.R1084_frame3 | set(HMM:2.8e-40) |
| 9030 | 69773_1.R1084_frame3 | set(HMM:3.2e-14) |
| 9031 | 34943_1.R1084_frame5 | set(HMM:7.2e-06) |
| 9032 | LIB3434-021-P1-K1-B11_frame3 | set(HMM:7.5e-52) |
| 9033 | uC-osflM202075a05b1_frame2 | snf2_n(HMM:0.00023) |
| 9034 | uC-osflM202106b05b1_frame3 | snf2_n(HMM:0.017) |
| 9035 | 10281_1.R1084_frame2 | snf2_n(HMM:1.8e-13) |
| 9036 | g4878434_frame2 | snf2_n(HMM:2.9e-28) |
| 9037 | LIB3432-034-P2-K1-D8_frame2 | snf2_n(HMM:3e-10) |

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| 9090 | LIB3431-058-P1-K1-A3_frame1 | wrky(HMM:3.7) |
| 9091 | 1072_1.R1084_frame1 | wrky(HMM:3.7e-77) |
| 9092 | LIB3432-012-P1-K1-F1_frame1 | wrky(HMM:3e-44) |
| 9093 | 26004_1.R1084_frame1 | wrky(HMM:4.1e-15) |
| 9094 | g4715891_frame3 | wrky(HMM:5.4e-12) |
| 9095 | 54054_1.R1084_frame3 | wrky(HMM:7e-40) |
| 9096 | 24687_1.R1084_frame2 | wrky(HMM:9.5e-07) |
| 9097 | 48654_1.R1084_frame3 | "zf-b_box(HMM:0.0044),zf-constans(HMM:6e-28)" |
| 9098 | 6_1.R1084_frame2 | "zf-b_box(HMM:0.0085),zf-constans(HMM:1.6e-19)" |
| 9099 | 7_1.R1084_frame2 | "zf-b_box(HMM:0.013),zf-constans(HMM:2e-40)" |
| 9100 | 5_1.R1084_frame2 | "zf-b_box(HMM:0.049),zf-constans(HMM:1.4e-39)" |
| 9101 | 2_1.R1084_frame1 | "zf-b_box(HMM:0.057),zf-constans(HMM:8.2e-39)" |
| 9102 | 3_1.R1084_frame1 | "zf-b_box(HMM:6.3e-05),zf-constans(HMM:4.5e-42)" |
| 9103 | 52914_1.R1084_frame2 | zf-c2h2(HMM:0.00058) |
| 9104 | LIB3433-031-P1-K1-B4_frame1 | zf-c2h2(HMM:0.023) |
| 9105 | 34727_1.R1084_frame4 | zf-c2h2(HMM:0.03) |
| 9106 | g5607479_frame2 | zf-c2h2(HMM:0.041) |
| 9107 | 45631_1.R1084_frame5 | zf-c2h2(HMM:1.3e-09) |
| 9108 | uC-osroM202007h05b1_frame3 | zf-c2h2(HMM:1.3e-09) |
| 9109 | 16349_1.R1084_frame3 | zf-c2h2(HMM:1.3e-10) |
| 9110 | LIB3477-009-P1-K1-E9_frame3 | zf-c2h2(HMM:2.3e-05) |
| 9111 | 1503_1.R1084_frame4 | zf-c2h2(HMM:4.8e-06) |
| 9112 | g3760342_frame3 | zf-c2h2(HMM:5.9e-09) |
| 9113 | 16755_1.R1084_frame3 | zf-c3hc4(HMM:0.00015) |
| 9114 | LIB3433-017-Q6-K1-C1_frame3 | zf-c3hc4(HMM:0.00022) |
| 9115 | g3767877_frame1 | zf-c3hc4(HMM:0.00026) |
| 9116 | uC-osflcyp120h01b1_frame2 | zf-c3hc4(HMM:0.00091) |
| 9117 | uC-osflcyp162h01b1_frame3 | zf-c3hc4(HMM:0.0012) |
| 9118 | LIB3432-023-P1-K1-D7_frame3 | zf-c3hc4(HMM:0.0016) |
| 9119 | g2309927_frame3 | zf-c3hc4(HMM:0.0017) |
| 9120 | uC-osflm202108h12b1_frame5 | zf-c3hc4(HMM:0.0021) |
| 9121 | g2309767_frame2 | zf-c3hc4(HMM:0.0024) |
| 9122 | 67501_1.R1084_frame1 | zf-c3hc4(HMM:0.0027) |
| 9123 | 22342_1.R1084_frame3 | zf-c3hc4(HMM:0.0033) |
| 9124 | 22156_1.R1084_frame2 | zf-c3hc4(HMM:0.0036) |
| 9125 | LIB3431-048-P1-N1-C5_frame4 | zf-c3hc4(HMM:0.0038) |
| 9126 | 52198_1.R1084_frame5 | zf-c3hc4(HMM:0.0042) |
| 9127 | g2429020_frame3 | zf-c3hc4(HMM:0.0042) |
| 9128 | uC-osflm202066e03b1_frame2 | zf-c3hc4(HMM:0.0044) |
| 9129 | LIB3432-009-P1-K1-C1_frame1 | zf-c3hc4(HMM:0.0047) |
| 9130 | LIB3431-038-P1-K1-C11_frame2 | zf-c3hc4(HMM:0.0049) |
| 9131 | LIB3431-024-P1-N1-G12_frame4 | zf-c3hc4(HMM:0.0052) |
| 9132 | uC-osflcyp017e04b1_frame3 | zf-c3hc4(HMM:0.0061) |
| 9133 | 76997_1.R1084_frame2 | zf-c3hc4(HMM:0.0092) |
| 9134 | uC-osflcyp170d03b1_frame1 | zf-c3hc4(HMM:0.013) |
| 9135 | 47632_1.R1084_frame1 | zf-c3hc4(HMM:0.015) |

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|------|------------------------------|-----------------------|
| 9136 | g4715309_frame3 | zf-c3hc4(HMM:0.015) |
| 9137 | 18509_1.R1084_frame2 | zf-c3hc4(HMM:0.019) |
| 9138 | 18890_1.R1084_frame1 | zf-c3hc4(HMM:0.019) |
| 9139 | LIB3434-055-P1-K1-B3_frame2 | zf-c3hc4(HMM:0.021) |
| 9140 | 20000_1.R1084_frame2 | zf-c3hc4(HMM:0.027) |
| 9141 | g286281_frame3 | zf-c3hc4(HMM:0.027) |
| 9142 | g3760607_frame2 | zf-c3hc4(HMM:0.027) |
| 9143 | g4968908_frame3 | zf-c3hc4(HMM:0.038) |
| 9144 | 87838_1.R1084_frame2 | zf-c3hc4(HMM:0.072) |
| 9145 | uC-osflcyp050c09a1_frame6 | zf-c3hc4(HMM:0.072) |
| 9146 | uC-osroM202027a06a1_frame3 | zf-c3hc4(HMM:0.072) |
| 9147 | uC-osflcyp174e03b1_frame2 | zf-c3hc4(HMM:0.095) |
| 9148 | 14933_1.R1084_frame3 | zf-c3hc4(HMM:0.18) |
| 9149 | 14933_2.R1084_frame1 | zf-c3hc4(HMM:0.18) |
| 9150 | uC-osflcyp115d03a1_frame5 | zf-c3hc4(HMM:0.47) |
| 9151 | LIB3477-007-P1-K1-E7_frame2 | zf-c3hc4(HMM:1.1e-08) |
| 9152 | 47459_1.R1084_frame2 | zf-c3hc4(HMM:1.1e-09) |
| 9153 | 12231_1.R1084_frame2 | zf-c3hc4(HMM:1.2e-06) |
| 9154 | uC-osflcyp009g02b1_frame3 | zf-c3hc4(HMM:1.2e-06) |
| 9155 | 1499_1.R1084_frame4 | zf-c3hc4(HMM:1.2e-08) |
| 9156 | g2427787_frame2 | zf-c3hc4(HMM:1.2e-09) |
| 9157 | LIB3433-022-P1-K1-G8_frame1 | zf-c3hc4(HMM:1.3e-07) |
| 9158 | g2312701_frame1 | zf-c3hc4(HMM:1.3e-08) |
| 9159 | 11646_1.R1084_frame2 | zf-c3hc4(HMM:1.4) |
| 9160 | uC-osrocyp003g03a1_frame4 | zf-c3hc4(HMM:1.4) |
| 9161 | 15093_1.R1084_frame2 | zf-c3hc4(HMM:1.5) |
| 9162 | 54088_1.R1084_frame1 | zf-c3hc4(HMM:1.7e-07) |
| 9163 | 20240_1.R1084_frame3 | zf-c3hc4(HMM:1.7e-12) |
| 9164 | LIB3433-011-Q6-K1-F4_frame3 | zf-c3hc4(HMM:1.7e-12) |
| 9165 | 20366_1.R1084_frame3 | zf-c3hc4(HMM:1.8e-10) |
| 9166 | uC-osrocyp003g06a1_frame2 | zf-c3hc4(HMM:1e-09) |
| 9167 | g2311727_frame1 | zf-c3hc4(HMM:2.4e-11) |
| 9168 | 53008_1.R1084_frame3 | zf-c3hc4(HMM:2.5e-08) |
| 9169 | 35244_1.R1084_frame4 | zf-c3hc4(HMM:2.6e-07) |
| 9170 | 4677_1.R1084_frame6 | zf-c3hc4(HMM:2.8e-10) |
| 9171 | 16612_1.R1084_frame2 | zf-c3hc4(HMM:2.9e-11) |
| 9172 | 18218_1.R1084_frame2 | zf-c3hc4(HMM:2e-10) |
| 9173 | 3841_1.R1084_frame5 | zf-c3hc4(HMM:2e-12) |
| 9174 | 78518_1.R1084_frame2 | zf-c3hc4(HMM:3.4e-08) |
| 9175 | 16696_2.R1084_frame1 | zf-c3hc4(HMM:3.5e-09) |
| 9176 | 11602_1.R1084_frame2 | zf-c3hc4(HMM:3.6e-06) |
| 9177 | g428862_frame3 | zf-c3hc4(HMM:3.6e-07) |
| 9178 | LIB3434-017-P1-K1-A10_frame3 | zf-c3hc4(HMM:3.6e-08) |
| 9179 | 2624_1.R1084_frame5 | zf-c3hc4(HMM:3.8e-06) |
| 9180 | uC-osrocyp036f12b1_frame2 | zf-c3hc4(HMM:3.8e-10) |
| 9181 | 21895_1.R1084_frame3 | zf-c3hc4(HMM:3.8e-11) |
| 9182 | uC-osrocyp036f02b1_frame2 | zf-c3hc4(HMM:4.1e-10) |
| 9183 | 43821_1.R1084_frame2 | zf-c3hc4(HMM:4.4e-11) |
| 9184 | g4878432_frame2 | zf-c3hc4(HMM:4.6e-10) |
| 9185 | 29823_1.R1084_frame1 | zf-c3hc4(HMM:4.8e-06) |
| 9186 | 2844_1.R1084_frame6 | zf-c3hc4(HMM:4.9e-10) |
| 9187 | uC-osrocyp008g04a1_frame5 | zf-c3hc4(HMM:5e-05) |
| 9188 | 71198_1.R1084_frame2 | zf-c3hc4(HMM:5e-11) |

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| 9189 | 924_1.R1084_frame1 | zf-c3hc4(HMM:6.4e-10) |
| 9190 | 19029_1.R1084_frame3 | zf-c3hc4(HMM:7.4e-07) |
| 9191 | 20812_1.R1084_frame1 | zf-c3hc4(HMM:7e-05) |
| 9192 | 3244_1.R1084_frame4 | zf-c3hc4(HMM:8.2e-09) |
| 9193 | uC-osfIM202061g07b1_frame3 | zf-c3hc4(HMM:8.5e-12) |
| 9194 | 25531_1.R1084_frame1 | zf-c3hc4(HMM:9.6e-08) |
| 9195 | 25531_2.R1084_frame1 | zf-c3hc4(HMM:9.6e-08) |
| 9196 | 21411_1.R1084_frame2 | zf-c3hc4(HMM:9.8e-05) |
| 9197 | LIB3474-003-P1-K1-G2_frame3 | zf-c3hc4(HMM:9.9e-09) |
| 9198 | g4969130_frame2 | zf-ccch(HMM:0.00027) |
| 9199 | g2801257_frame1 | zf-ccch(HMM:0.00029) |
| 9200 | uC-osroM202029c04b1_frame1 | zf-ccch(HMM:0.0051) |
| 9201 | 14796_1.R1084_frame1 | zf-ccch(HMM:0.2) |
| 9202 | 964_1.R1084_frame1 | zf-ccch(HMM:1.4e-08) |
| 9203 | 965_1.R1084_frame3 | zf-ccch(HMM:1.7e-08) |
| 9204 | g1631940_frame1 | zf-ccch(HMM:3.7e-06) |
| 9205 | LIB3431-024-P1-K1-G12_frame2 | zf-ccch(HMM:3.9e-10) |
| 9206 | 51043_1.R1084_frame6 | zf-ccch(HMM:4.4e-09) |
| 9207 | 32357_1.R1084_frame2 | zf-ccch(HMM:5.1e-09) |
| 9208 | g2428543_frame3 | zf-ccch(HMM:6.7e-09) |
| 9209 | LIB3474-006-P1-K1-A5_frame1 | zf-cchc(HMM:0.0001) |
| 9210 | uC-osfIM202020g01b1_frame1 | zf-cchc(HMM:0.00062) |
| 9211 | 5084_1.R1084_frame5 | zf-cchc(HMM:0.0047) |
| 9212 | 62211_1.R1084_frame3 | zf-cchc(HMM:0.015) |
| 9213 | 101595_1.R1084_frame2 | zf-cchc(HMM:1.1e-05) |
| 9214 | g286337_frame4 | zf-cchc(HMM:1.3e-05) |
| 9215 | LIB3434-029-P1-K1-D7_frame1 | zf-cchc(HMM:1.8e-22) |
| 9216 | 21958_1.R1084_frame2 | zf-cchc(HMM:2.1e-16) |
| 9217 | 3851_1.R1084_frame5 | zf-cchc(HMM:2.2e-10) |
| 9218 | g2311551_frame3 | zf-cchc(HMM:2e-06) |
| 9219 | g286705_frame3 | zf-cchc(HMM:3.1e-05) |
| 9220 | 3770_1.R1084_frame6 | zf-cchc(HMM:3.4e-05) |
| 9221 | g2800841_frame2 | zf-cchc(HMM:3.7e-11) |
| 9222 | 24304_1.R1084_frame3 | zf-cchc(HMM:4.7e-28) |
| 9223 | LIB3433-037-P1-K1-F2_frame1 | zf-cchc(HMM:5.6e-05) |
| 9224 | 7792_1.R1084_frame1 | zf-cchc(HMM:6.7e-05) |
| 9225 | LIB3599-001-P1-K6-H9_frame2 | zf-cchc(HMM:6.8e-06) |
| 9226 | uC-osflcyp173f05b1_frame2 | zf-cchc(HMM:7.7e-06) |
| 9227 | LIB3432-017-P1-K1-C3_frame3 | zf-cchc(HMM:9.5e-06) |
| 9228 | uC-osflcyp173f04b1_frame2 | zf-constans(HMM:0.48) |
| 9229 | LIB3474-001-P1-K1-C3_frame2 | zf-constans(HMM:1.3e-12) |
| 9230 | 2_2.R1084_frame3 | zf-constans(HMM:2.3e-39) |
| 9231 | 1_1.R1084_frame3 | zf-constans(HMM:2.5e-28) |
| 9232 | LIB3474-003-P1-K1-B7_frame3 | zf-constans(HMM:3.5e-15) |
| 9233 | LIB3433-026-P1-K1-D1_frame2 | zf-constans(HMM:4.5e-18) |
| 9234 | 2_4.R1084_frame2 | zf-constans(HMM:6.7e-37) |
| 9235 | uC-osroM202022c01b1_frame3 | zf-mynd(HMM:0.0038) |
| 9236 | LIB3434-065-P1-K1-B5_frame2 | zf-mynd(HMM:0.029) |
| 9237 | LIB3431-021-P1-K1-B10_frame2 | zf-mynd(HMM:2.9e-11) |
| 9238 | g2428360_frame1 | zf-mynd(HMM:4.2e-11) |
| 9239 | 14089_1.R1084_frame3 | zz(HMM:0.011) |
| 9240 | 27898_1.R1084_frame2 | zz(HMM:0.078) |

9241

10968_1.R1084_frame2

zz(HMM:2.5e-05)

10968_1.R1084_frame2

Table 7. Nucleic acid sequences encoding transcription factors from rice

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|-----------------------|-----------------------|
| 9242 | g4968705 | 14-3-3(HMM:0.00012) |
| 9243 | LIB3434-064-P1-K1-F6 | 14-3-3(HMM:0.00056) |
| 9244 | 617_5.R1084 | 14-3-3(HMM:0.00059) |
| 9245 | uC-osroM202032b04b1 | 14-3-3(HMM:0.0012) |
| 9246 | uC-osflm202111e11b1 | 14-3-3(HMM:0.0038) |
| 9247 | 358_2.R1084 | 14-3-3(HMM:1.3e-63) |
| 9248 | 359_1.R1084 | 14-3-3(HMM:1.4e-175) |
| 9249 | LIB3431-002-P1-K1-B6 | 14-3-3(HMM:1.6e-13) |
| 9250 | uC-osflcyp002e09b1 | 14-3-3(HMM:1.7e-19) |
| 9251 | uC-osflcyp080c06a1 | 14-3-3(HMM:1.8e-15) |
| 9252 | 28911_1.R1084 | 14-3-3(HMM:1.8e-17) |
| 9253 | 358_1.R1084 | 14-3-3(HMM:1.8e-180) |
| 9254 | uC-osrocyp028c03a1 | 14-3-3(HMM:1.8e-23) |
| 9255 | 92487_1.R1084 | 14-3-3(HMM:2.1e-33) |
| 9256 | LIB3434-047-P1-K1-A2 | 14-3-3(HMM:2.5e-34) |
| 9257 | LIB3431-058-P1-K1-E2 | 14-3-3(HMM:2.6e-18) |
| 9258 | uC-osrocyp028c02b1 | 14-3-3(HMM:2.8e-13) |
| 9259 | 17909_1.R1084 | 14-3-3(HMM:2e-66) |
| 9260 | LIB3434-042-P1-K1-G5 | 14-3-3(HMM:3.5e-104) |
| 9261 | LIB3432-011-P1-K1-F9 | 14-3-3(HMM:3.7e-10) |
| 9262 | 357_1.R1084 | 14-3-3(HMM:4.4e-181) |
| 9263 | g3106478 | 14-3-3(HMM:4.9e-06) |
| 9264 | LIB3431-007-P1-K1-B4 | 14-3-3(HMM:5) |
| 9265 | g2442689 | 14-3-3(HMM:5.2e-10) |
| 9266 | LIB3432-032-P2-K1-F8 | 14-3-3(HMM:5.3e-48) |
| 9267 | 358_4.R1084 | 14-3-3(HMM:5.7e-56) |
| 9268 | uC-osroM202039c12b1 | 14-3-3(HMM:5.9e-07) |
| 9269 | g2798877 | 14-3-3(HMM:6.9e-08) |
| 9270 | LIB3431-001-P1-K1-G10 | 14-3-3(HMM:7.2e-05) |
| 9271 | 617_1.R1084 | 14-3-3(HMM:7e-180) |
| 9272 | 6047_2.R1084 | 14-3-3(HMM:8.3e-33) |
| 9273 | LIB3434-001-P1-K1-E7 | 14-3-3(HMM:8.7e-07) |
| 9274 | 4935_1.R1084 | ank(HMM:0.0005) |
| 9275 | g5667511 | ank(HMM:0.00067) |
| 9276 | 2013_1.R1084 | ank(HMM:0.00078) |
| 9277 | uC-osroM202013h02b1 | ank(HMM:0.0082) |
| 9278 | uC-osroM202020g09b1 | ank(HMM:0.026) |
| 9279 | 14356_2.R1084 | ank(HMM:0.042) |
| 9280 | 31756_1.R1084 | ank(HMM:0.045) |
| 9281 | g5002941 | ank(HMM:0.058) |
| 9282 | LIB3431-033-P1-K1-H1 | ank(HMM:1.1e-22) |
| 9283 | g3107450 | ank(HMM:1.2e-05) |
| 9284 | g2310039 | ank(HMM:1.2e-06) |
| 9285 | LIB3433-042-P1-K1-D10 | ank(HMM:1.2e-10) |
| 9286 | 2706_1.R1084 | ank(HMM:1.2e-17) |
| 9287 | LIB3432-007-P1-K1-E7 | ank(HMM:1.3e-08) |
| 9288 | 11714_1.R1084 | ank(HMM:1.3e-13) |
| 9289 | g3762888 | ank(HMM:1.5e-06) |
| 9290 | 63044_1.R1084 | ank(HMM:1.6e-06) |
| 9291 | g5038965 | ank(HMM:1.6e-06) |
| 9292 | 5527_2.R1084 | ank(HMM:1.6e-20) |
| 9293 | 5527_1.R1084 | ank(HMM:1.8e-08) |

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| 9294 | uC-osrocyp011a04a1 | ank(HMM:1.8e-08) |
| 9295 | uC-osflm202110g02b1 | ank(HMM:2.1) |
| 9296 | uC-osrocyp011e12b1 | ank(HMM:2.2e-08) |
| 9297 | 5758_1.R1084 | ank(HMM:2.5e-13) |
| 9298 | g3760142 | ank(HMM:2.7e-19) |
| 9299 | jC-osleLIB3474037b02a1 | ank(HMM:3.2e-05) |
| 9300 | g2427442 | ank(HMM:3.2e-12) |
| 9301 | uC-osrocyp033f11a1 | ank(HMM:3.3e-13) |
| 9302 | uC-osflcyp162a07b1 | ank(HMM:3.6e-09) |
| 9303 | g1632606 | ank(HMM:3.7e-07) |
| 9304 | g5667512 | ank(HMM:3.7e-16) |
| 9305 | uC-osflcyp039a01b1 | ank(HMM:3.8e-14) |
| 9306 | 14784_1.R1084 | ank(HMM:4.2e-24) |
| 9307 | uC-osflcyp158a11b1 | ank(HMM:4.4e-05) |
| 9308 | LIB3434-005-P1-K1-C10 | ank(HMM:4.5e-09) |
| 9309 | 30799_1.R1084 | ank(HMM:4.9e-15) |
| 9310 | LIB3434-013-P1-K1-F6 | ank(HMM:5.1e-05) |
| 9311 | uC-osflM202091b10b1 | ank(HMM:5.5e-06) |
| 9312 | uC-osroM202030a07b1 | ank(HMM:5.9e-12) |
| 9313 | 35818_1.R1084 | ank(HMM:6.1e-13) |
| 9314 | LIB3431-047-P1-N1-D8 | ank(HMM:6.8e-21) |
| 9315 | 21576_1.R1084 | ank(HMM:7.1e-31) |
| 9316 | LIB3433-016-Q6-K6-F12 | ank(HMM:7.5e-06) |
| 9317 | 63383_1.R1084 | ank(HMM:7e-21) |
| 9318 | g4714237 | ank(HMM:8.1e-09) |
| 9319 | g2428558 | ank(HMM:9.2e-07) |
| 9320 | 26024_1.R1084 | ank(HMM:9.9e-41) |
| 9321 | g2442375 | ap2-domain(HMM:0.0001) |
| 9322 | 54497_1.R1084 | ap2-domain(HMM:0.00014) |
| 9323 | uC-osflcyp004g06b1 | ap2-domain(HMM:0.00027) |
| 9324 | uC-osflM202047f04b1 | ap2-domain(HMM:0.00074) |
| 9325 | 55803_1.R1084 | ap2-domain(HMM:0.00076) |
| 9326 | 76713_1.R1084 | ap2-domain(HMM:0.0012) |
| 9327 | g2431456 | ap2-domain(HMM:0.0021) |
| 9328 | uC-osroM202039a06b1 | ap2-domain(HMM:0.0026) |
| 9329 | 96886_1.R1084 | ap2-domain(HMM:0.0067) |
| 9330 | uC-osrocyp029f11b1 | ap2-domain(HMM:0.0098) |
| 9331 | g2310291 | ap2-domain(HMM:0.011) |
| 9332 | g5900710 | ap2-domain(HMM:0.031) |
| 9333 | 28040_1.R1084 | ap2-domain(HMM:0.58) |
| 9334 | g2799366 | ap2-domain(HMM:1.3e-13) |
| 9335 | g5667533 | ap2-domain(HMM:1.3e-13) |
| 9336 | 168_2.R1084 | ap2-domain(HMM:1.3e-40) |
| 9337 | g427910 | ap2-domain(HMM:1.4e-15) |
| 9338 | 88463_1.R1084 | ap2-domain(HMM:1.5e-15) |
| 9339 | 62487_1.R1084 | ap2-domain(HMM:1.6e-37) |
| 9340 | 49159_1.R1084 | ap2-domain(HMM:1.6e-39) |
| 9341 | 20783_2.R1084 | ap2-domain(HMM:1.7e-39) |
| 9342 | 34010_1.R1084 | ap2-domain(HMM:1.9e-27) |
| 9343 | 58360_1.R1084 | ap2-domain(HMM:1.9e-31) |
| 9344 | 69949_1.R1084 | ap2-domain(HMM:2.1e-19) |
| 9345 | 18824_1.R1084 | ap2-domain(HMM:2.1e-36) |
| 9346 | g5003396 | ap2-domain(HMM:2.2e-10) |
| 9347 | 38368_1.R1084 | ap2-domain(HMM:2.6e-18) |

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| 9348 | 2466_1.R1084 | ap2-domain(HMM:2.6e-38) |
| 9349 | 21358_1.R1084 | ap2-domain(HMM:2.9e-38) |
| 9350 | 25592_1.R1084 | ap2-domain(HMM:3.1e-14) |
| 9351 | 43210_1.R1084 | ap2-domain(HMM:3.2e-37) |
| 9352 | uC-osrocyp017c05b1 | ap2-domain(HMM:3.4e-09) |
| 9353 | 52863_1.R1084 | ap2-domain(HMM:3.4e-13) |
| 9354 | g702738 | ap2-domain(HMM:3.5e-06) |
| 9355 | LIB3431-060-P1-K1-F7 | ap2-domain(HMM:3.5e-17) |
| 9356 | uC-osrocyp021d02b1 | ap2-domain(HMM:4.1e-31) |
| 9357 | g3760180 | ap2-domain(HMM:4.3e-09) |
| 9358 | 14887_1.R1084 | ap2-domain(HMM:4.8e-35) |
| 9359 | LIB3475-006-P1-K1-A9 | ap2-domain(HMM:4e-05) |
| 9360 | g4716624 | ap2-domain(HMM:5.7e-05) |
| 9361 | uC-osflcyp034f01b1 | ap2-domain(HMM:5.9e-14) |
| 9362 | 8473_1.R1084 | ap2-domain(HMM:5e-06) |
| 9363 | uC-osrocyp005g12b1 | ap2-domain(HMM:6.4e-18) |
| 9364 | g286671 | ap2-domain(HMM:7.1e-11) |
| 9365 | 67347_2.R1084 | ap2-domain(HMM:7.4e-23) |
| 9366 | 1048_1.R1084 | ap2-domain(HMM:7.4e-33) |
| 9367 | uC-osflcyp143g12b1 | ap2-domain(HMM:7.5) |
| 9368 | 959_1.R1084 | ap2-domain(HMM:7.7e-39) |
| 9369 | uC-osroM202031h07b1 | ap2-domain(HMM:8.9e-10) |
| 9370 | 26037_1.R1084 | ap2-domain(HMM:9.1e-29) |
| 9371 | 59584_1.R1084 | ap2-domain(HMM:9.3e-35) |
| 9372 | g3107619 | ap2-domain(HMM:9.4e-20) |
| 9373 | uC-osflm202104g06b1 | arf(HMM:0.00057) |
| 9374 | g2427469 | "arf(HMM:0.0022),b3(HMM:3.1e-06)" |
| 9375 | g3762230 | arf(HMM:1.7e-17) |
| 9376 | 32948_1.R1084 | "arf(HMM:1.8e-10),iaa(HMM:1.3e-18)" |
| 9377 | 12155_1.R1084 | "arf(HMM:1.8e-12),b3(HMM:1.2e-27)" |
| 9378 | 26066_1.R1084 | "arf(HMM:2.7e-09),b3(HMM:9.8e-14)" |
| 9379 | uC-osroM202019e10b1 | arf(HMM:2.9e-13) |
| 9380 | g3761532 | arf(HMM:2.9e-21) |
| 9381 | 44884_1.R1084 | "arf(HMM:3.3e-85),b3(HMM:1.2e-15)" |
| 9382 | 70520_1.R1084 | arf(HMM:3.8e-16) |
| 9383 | g569467 | "arf(HMM:6.5e-12),b3(HMM:6.9e-50)" |
| 9384 | g5004275 | "arf(HMM:6.6e-47),b3(HMM:1.7e-60)" |
| 9385 | LIB3477-001-P1-K1-E4 | arf(HMM:9.1e-08) |
| 9386 | 74873_1.R1084 | arid(HMM:2.7e-13) |
| 9387 | g3107746 | athook(HMM:0.017) |
| 9388 | g427942 | b3(HMM:0.00018) |
| 9389 | 72020_1.R1084 | b3(HMM:1.6e-05) |
| 9390 | 12082_1.R1084 | b3(HMM:3.1e-59) |
| 9391 | uC-osroM202001b04a1 | b3(HMM:3.2e-17) |
| 9392 | 4430_2.R1084 | "bah(HMM:0.003),phd(HMM:3.9e-13)" |
| 9393 | 46243_1.R1084 | "bah(HMM:0.13),phd(HMM:0.0 |

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| 9394 | 43153_1.R1084 | 032)" |
| 9395 | 4430_1.R1084 | bah(HMM:0.6) |
| | | "bah(HMM:2.7e- |
| 9396 | g4716249 | 36),phd(HMM:0.0017)" |
| 9397 | g427671 | bpf-1(HMM:1.1e-79) |
| 9398 | uC-osflcyp026h10b1 | bpf-1(HMM:2.3e-76) |
| 9399 | 4131_1.R1084 | bpf-1(HMM:2.5e-90) |
| 9400 | 60036_1.R1084 | bpf-1(HMM:3e-36) |
| 9401 | 16810_1.R1084 | bpf-1(HMM:7.5e-38) |
| 9402 | uC-osroM202030e06a1 | bromodomain(HMM:0.0044) |
| 9403 | g5667387 | bromodomain(HMM:1e-26) |
| 9404 | 44803_1.R1084 | bromodomain(HMM:2.5) |
| 9405 | LIB3434-060-P1-K1-C1 | bromodomain(HMM:2e-09) |
| 9406 | g2442805 | bromodomain(HMM:3.9e-33) |
| 9407 | 28820_1.R1084 | bromodomain(HMM:4.3e-05) |
| 9408 | 54050_1.R1084 | bromodomain(HMM:6.3e-07) |
| 9409 | 54291_1.R1084 | bromodomain(HMM:6e-13) |
| 9410 | g4880967 | btb(HMM:0.0015) |
| 9411 | LIB3433-047-P1-K1-D4 | btb(HMM:0.049) |
| 9412 | 2980_1.R1084 | btb(HMM:0.33) |
| 9413 | 18452_1.R1084 | btb(HMM:2.9e-08) |
| 9414 | 11264_1.R1084 | btb(HMM:3.3e-11) |
| 9415 | 33098_1.R1084 | btb(HMM:3e-10) |
| 9416 | 42362_1.R1084 | btb(HMM:4.1e-05) |
| 9417 | 78101_1.R1084 | btb(HMM:5.1e-09) |
| 9418 | LIB3431-031-P1-K1-E12 | btb(HMM:6.2e-06) |
| 9419 | 9342_1.R1084 | bzip(HMM:0.00055) |
| 9420 | LIB3433-057-P1-K1-E1 | bzip(HMM:0.00096) |
| 9421 | 50880_1.R1084 | bzip(HMM:0.0053) |
| 9422 | 17054_1.R1084 | bzip(HMM:0.0063) |
| 9423 | 35294_1.R1084 | bzip(HMM:0.01) |
| 9424 | LIB3434-016-P1-K1-D9 | bzip(HMM:0.016) |
| 9425 | g5803454 | bzip(HMM:0.27) |
| 9426 | 18517_1.R1084 | bzip(HMM:0.36) |
| 9427 | LIB3433-019-P1-K1-C7 | bzip(HMM:1.1e-13) |
| 9428 | 274_1.R1084 | bzip(HMM:1.1e-13) |
| 9429 | 94811_1.R1084 | bzip(HMM:1.1e-18) |
| 9430 | 315_1.R1084 | bzip(HMM:1.2e-11) |
| 9431 | 15567_1.R1084 | bzip(HMM:1.2e-18) |
| 9432 | 988_1.R1084 | bzip(HMM:1.4e-17) |
| 9433 | 463_1.R1084 | bzip(HMM:1.7e-11) |
| 9434 | 2349_1.R1084 | bzip(HMM:1e-17) |
| 9435 | 21217_1.R1084 | bzip(HMM:2.5e-14) |
| 9436 | 315_2.R1084 | bzip(HMM:2.6e-11) |
| 9437 | g435945 | bzip(HMM:2.7e-18) |
| 9438 | uC-osrocyp030h03b1 | bzip(HMM:2.9e-12) |
| 9439 | 1005_1.R1084 | bzip(HMM:3.3e-05) |
| 9440 | LIB3434-035-P1-K1-D6 | bzip(HMM:4.2e-21) |
| 9441 | 980_1.R1084 | bzip(HMM:4.7e-13) |
| 9442 | g435943 | bzip(HMM:5.6e-22) |
| 9443 | 3184_1.R1084 | bzip(HMM:6.7e-13) |
| 9444 | 92_1.R1084 | bzip(HMM:7.1e-13) |
| 9445 | 749_1.R1084 | bzip(HMM:7.5e-13) |
| | | bzip(HMM:8.1e-15) |

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| 9446 | 97344_1.R1084 | bzip(HMM:8.2e-08) |
| 9447 | uC-osflcyp013a12b1 | bzip(HMM:8.5) |
| 9448 | g2801356 | cbfd_nfyb_hmf(HMM:0.00072) |
| 9449 | 34342_1.R1084 | cbfd_nfyb_hmf(HMM:0.042) |
| 9450 | 7629_1.R1084 | "cbfd_nfyb_hmf(HMM:0.055),hi stone(HMM:8.5e-36)" |
| 9451 | LIB3434-023-P1-K1-B3 | cbfd_nfyb_hmf(HMM:1.5e-33) |
| 9452 | 26746_1.R1084 | cbfd_nfyb_hmf(HMM:2.7) |
| 9453 | 4245_1.R1084 | cbfd_nfyb_hmf(HMM:3.7e-37) |
| 9454 | g1632008 | cbfd_nfyb_hmf(HMM:6.4e-15) |
| 9455 | 19213_1.R1084 | cbfd_nfyb_hmf(HMM:9.2e-15) |
| 9456 | LIB3431-036-P1-N1-D4 | chromo(HMM:0.00024) |
| 9457 | 5302_1.R1084 | chromo(HMM:0.0071) |
| 9458 | 518_2.R1084 | chromo(HMM:1e-18) |
| 9459 | uC-osflm202108f08b1 | csd(HMM:0.016) |
| 9460 | g5004101 | csd(HMM:0.4) |
| 9461 | 58275_1.R1084 | csd(HMM:8.8e-09) |
| 9462 | 42817_1.R1084 | dof(HMM:0.0018) |
| 9463 | g5004157 | dof(HMM:0.016) |
| 9464 | g3061221 | dof(HMM:0.19) |
| 9465 | uC-osflcyp127d01a1 | dof(HMM:1.1e-36) |
| 9466 | g4996647 | dof(HMM:1.2e-23) |
| 9467 | 25092_1.R1084 | dof(HMM:1.2e-35) |
| 9468 | 133_1.R1084 | dof(HMM:1.4e-35) |
| 9469 | LIB3434-040-P1-K1-B11 | dof(HMM:1.9e-05) |
| 9470 | 130_5.R1084 | dof(HMM:2.4e-29) |
| 9471 | uC-osroM202007g08a1 | dof(HMM:2.7e-17) |
| 9472 | 130_1.R1084 | dof(HMM:2e-31) |
| 9473 | 130_3.R1084 | dof(HMM:4.9e-37) |
| 9474 | g4996641 | dof(HMM:4.9e-37) |
| 9475 | g2311601 | dof(HMM:6.6e-20) |
| 9476 | 81962_1.R1084 | dof(HMM:8.2e-36) |
| 9477 | 8302_1.R1084 | dpb(HMM:0.00054) |
| 9478 | 20880_1.R1084 | dpb(HMM:0.38) |
| 9479 | 321_2.R1084 | dpb(HMM:1.6e-75) |
| 9480 | g3760217 | dpb(HMM:1.9e-07) |
| 9481 | g568555 | dpb(HMM:2.4e-08) |
| 9482 | LIB3433-019-P1-K1-A4 | dpb(HMM:3.3e-07) |
| 9483 | 13861_1.R1084 | dpb(HMM:4.4e-08) |
| 9484 | 4529_1.R1084 | dpb(HMM:8.4) |
| 9485 | LIB3433-009-Q6-K1-F2 | dpb(HMM:9.1e-08) |
| 9486 | 321_6.R1084 | dpb(HMM:9.5e-06) |
| 9487 | LIB3433-031-P1-K1-B2 | enbp(HMM:1.1e-09) |
| 9488 | g426772 | enbp(HMM:9.5) |
| 9489 | g4880919 | gata(HMM:0.023) |
| 9490 | uC-osroM202001c10a1 | gata(HMM:0.027) |
| 9491 | g2431491 | gata(HMM:0.22) |
| 9492 | uC-osflcyp057d06b1 | gata(HMM:1.9e-08) |
| 9493 | g2798782 | gata(HMM:2.2e-14) |
| 9494 | 23385_1.R1084 | gata(HMM:2.7e-07) |
| 9495 | uC-osflcyp109f08b1 | gata(HMM:4.3e-06) |
| 9496 | LIB3431-060-P1-K1-D6 | gld-tea(HMM:0.042) |
| 9497 | LIB3434-018-P1-K1-D7 | gld-tea(HMM:0.35) |
| 9498 | 50521_1.R1084 | gld-tea(HMM:0.43) |

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| 9499 | uC-osrocyp028f03b1 | gld-tea(HMM:1.2e-27) |
| 9500 | LIB3475-003-P1-K2-F4 | gld-tea(HMM:1.3e-10) |
| 9501 | LIB3433-055-P1-K1-H1 | gld-tea(HMM:2.1e-37) |
| 9502 | 13229_1.R1084 | gld-tea(HMM:2.9e-06) |
| 9503 | 25505_1.R1084 | gld-tea(HMM:3.4e-32) |
| 9504 | LIB3474-012-P1-K1-E2 | gld-tea(HMM:3.4e-32) |
| 9505 | 13862_1.R1084 | gld-tea(HMM:3e-30) |
| 9506 | 15158_1.R1084 | gld-tea(HMM:5.1e-31) |
| 9507 | 5854_1.R1084 | gld-tea(HMM:6.7e-34) |
| 9508 | g287019 | gld-tea(HMM:6.8e-30) |
| 9509 | uC-osflcyp026d03b1 | gld-tea(HMM:6.8e-30) |
| 9510 | 39607_1.R1084 | gld-tea(HMM:9.7e-06) |
| 9511 | uC-osflcyp122c12b1 | gld-tea(HMM:9.7e-32) |
| 9512 | LIB3477-009-P1-K1-B9 | hhh(HMM:2.9e-07) |
| 9513 | 20921_1.R1084 | hist_deacetyl(HMM:0.064) |
| 9514 | g2800762 | hist_deacetyl(HMM:0.5) |
| 9515 | 31559_2.R1084 | hist_deacetyl(HMM:0.89) |
| 9516 | uC-osflM202048g11b1 | hist_deacetyl(HMM:1.2e-15) |
| 9517 | LIB3433-016-Q6-K6-F5 | hist_deacetyl(HMM:1.7e-07) |
| 9518 | g5004796 | hist_deacetyl(HMM:1.7e-14) |
| 9519 | LIB3432-035-P2-K1-D11 | hist_deacetyl(HMM:2.1e-06) |
| 9520 | 6051_1.R1084 | hist_deacetyl(HMM:2.9e-24) |
| 9521 | LIB3431-063-P1-K1-F4 | hist_deacetyl(HMM:4.5e-08) |
| 9522 | uC-osflm202109g01b1 | hist_deacetyl(HMM:4.8e-09) |
| 9523 | 31559_1.R1084 | hist_deacetyl(HMM:6.5e-15) |
| 9524 | uC-osrocyp027g06b1 | histone(HMM:0.00012) |
| 9525 | uC-osrocyp032h06b1 | histone(HMM:0.00024) |
| 9526 | 666_4.R1084 | histone(HMM:0.00029) |
| 9527 | uC-osrocyp032a11b1 | histone(HMM:0.00045) |
| 9528 | g287222 | histone(HMM:0.00078) |
| 9529 | 666_8.R1084 | histone(HMM:0.002) |
| 9530 | LIB3433-030-P1-K1-H8 | histone(HMM:0.0031) |
| 9531 | uC-osrocyp002h02a1 | histone(HMM:0.0046) |
| 9532 | g287109 | histone(HMM:0.22) |
| 9533 | g4968746 | histone(HMM:0.39) |
| 9534 | uC-osflcyp127d03a1 | histone(HMM:0.48) |
| 9535 | LIB3479-006-Q6-K1-A3 | histone(HMM:0.57) |
| 9536 | 77294_1.R1084 | histone(HMM:0.72) |
| 9537 | uC-osflcyp169e05b1 | histone(HMM:1.1e-12) |
| 9538 | LIB3433-054-P1-K1-H8 | histone(HMM:1.2e-09) |
| 9539 | g2800771 | histone(HMM:1.2e-14) |
| 9540 | 706_1.R1084 | histone(HMM:1.2e-24) |
| 9541 | g5816536 | histone(HMM:1.2e-39) |
| 9542 | 5333_2.R1084 | histone(HMM:1.3e-11) |
| 9543 | 27043_1.R1084 | histone(HMM:1.3e-20) |
| 9544 | g4878800 | histone(HMM:1.3e-21) |
| 9545 | g5816531 | histone(HMM:1.3e-44) |
| 9546 | g2311469 | histone(HMM:1.4e-46) |
| 9547 | 666_9.R1084 | histone(HMM:1.5e-13) |
| 9548 | g4715649 | histone(HMM:1.5e-25) |
| 9549 | uC-osroM202014f03b1 | histone(HMM:1.6e-20) |
| 9550 | g5816493 | histone(HMM:1.6e-26) |
| 9551 | LIB3431-060-P1-K1-G8 | histone(HMM:1.7e-32) |
| 9552 | uC-osroM202022f10b1 | histone(HMM:1.7e-32) |

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| 9553 | LIB3433-022-P1-K1-G1 | histone(HMM:1.7e-48) |
| 9554 | 5333_3.R1084 | histone(HMM:1.7e-51) |
| 9555 | g3762651 | histone(HMM:1.8e-05) |
| 9556 | g2312266 | histone(HMM:1.8e-21) |
| 9557 | g5816558 | histone(HMM:1.8e-30) |
| 9558 | LIB3433-059-P1-K1-E2 | histone(HMM:1.8e-45) |
| 9559 | LIB3433-035-P1-K1-G1 | histone(HMM:1.9e-12) |
| 9560 | g2311284 | histone(HMM:1.9e-28) |
| 9561 | g5816504 | histone(HMM:1.9e-33) |
| 9562 | uC-osrocyp016d02b1 | histone(HMM:1.9e-45) |
| 9563 | g2280892 | histone(HMM:1e-26) |
| 9564 | LIB3432-051-P1-K1-E5 | histone(HMM:1e-42) |
| 9565 | LIB3432-001-P1-K1-F5 | histone(HMM:2.1e-05) |
| 9566 | 705_7.R1084 | histone(HMM:2.1e-16) |
| 9567 | uC-osflcyp120c02b1 | histone(HMM:2.1e-17) |
| 9568 | LIB3433-044-P1-K1-F9 | histone(HMM:2.1e-27) |
| 9569 | 7629_3.R1084 | histone(HMM:2.1e-35) |
| 9570 | g3763153 | histone(HMM:2.2e-16) |
| 9571 | LIB3433-024-P1-K1-H7 | histone(HMM:2.2e-32) |
| 9572 | 705_1.R1084 | histone(HMM:2.2e-46) |
| 9573 | uC-osflcyp058c11b1 | histone(HMM:2.2e-46) |
| 9574 | LIB3433-036-P1-K1-B4 | histone(HMM:2.4e-15) |
| 9575 | g4715648 | histone(HMM:2.4e-27) |
| 9576 | LIB3431-046-P1-K1-B8 | histone(HMM:2.5e-37) |
| 9577 | LIB3433-055-P1-K1-B7 | histone(HMM:2.7e-34) |
| 9578 | 434_1.R1084 | histone(HMM:2e-11) |
| 9579 | 705_5.R1084 | histone(HMM:2e-47) |
| 9580 | 670_1.R1084 | histone(HMM:3.2e-12) |
| 9581 | uC-osflcyp011g09b1 | histone(HMM:3.4e-25) |
| 9582 | 15653_1.R1084 | histone(HMM:3.5e-51) |
| 9583 | 267_2.R1084 | histone(HMM:3.6e-47) |
| 9584 | 267_3.R1084 | histone(HMM:3.6e-47) |
| 9585 | 267_4.R1084 | histone(HMM:3.6e-47) |
| 9586 | 267_5.R1084 | histone(HMM:3.6e-47) |
| 9587 | 705_10.R1084 | histone(HMM:3.7e-45) |
| 9588 | g5803476 | histone(HMM:3.9e-28) |
| 9589 | 705_6.R1084 | histone(HMM:4.3e-14) |
| 9590 | uC-osflcyp037h01b1 | histone(HMM:4.8e-29) |
| 9591 | uC-osflcyp035e11b1 | histone(HMM:4.8e-46) |
| 9592 | g5816488 | histone(HMM:4.9e-43) |
| 9593 | g426955 | histone(HMM:5.5e-05) |
| 9594 | uC-osrocyp002h02b1 | histone(HMM:5.6e-18) |
| 9595 | LIB3432-018-P1-K1-G3 | histone(HMM:5.7e-34) |
| 9596 | LIB3431-010-P1-K1-D11 | histone(HMM:5.7e-36) |
| 9597 | g5816502 | histone(HMM:5.7e-44) |
| 9598 | 5333_1.R1084 | histone(HMM:5.7e-50) |
| 9599 | 705_4.R1084 | histone(HMM:5.8e-46) |
| 9600 | g572044 | histone(HMM:6.2e-38) |
| 9601 | uC-osrocyp025b04a1 | histone(HMM:6.7e-21) |
| 9602 | LIB3433-014-Q6-K1-D4 | histone(HMM:6.8e-23) |
| 9603 | uC-osflcyp049c12b1 | histone(HMM:6.9e-09) |
| 9604 | 705_2.R1084 | histone(HMM:7.4e-46) |
| 9605 | 666_10.R1084 | histone(HMM:7.5e-19) |
| 9606 | 666_11.R1084 | histone(HMM:7.5e-19) |

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| 9661 | LIB3431-044-P1-K1-F10 | hmg_box(HMM:2.3e-05) |
| 9662 | g2442209 | hmg_box(HMM:2.5e-22) |
| 9663 | g4878754 | hmg_box(HMM:2.6e-20) |
| 9664 | g3767495 | hmg_box(HMM:2.8e-28) |
| 9665 | LIB3434-047-P1-K1-D1 | hmg_box(HMM:2.8e-28) |
| 9666 | uC-osroM202018f09b1 | hmg_box(HMM:2.8e-28) |
| 9667 | LIB3433-020-P1-K1-H6 | hmg_box(HMM:2.9e-25) |
| 9668 | g701542 | hmg_box(HMM:2.9e-28) |
| 9669 | LIB3431-015-P1-K1-D9 | hmg_box(HMM:2e-05) |
| 9670 | g4880979 | hmg_box(HMM:2e-07) |
| 9671 | g4878390 | hmg_box(HMM:3.3e-20) |
| 9672 | 50300_1.R1084 | hmg_box(HMM:3.4e-10) |
| 9673 | 408_1.R1084 | hmg_box(HMM:3.9e-24) |
| 9674 | LIB3431-015-P1-K1-D5 | hmg_box(HMM:4.7e-22) |
| 9675 | LIB3431-010-P1-K1-C3 | hmg_box(HMM:4.8e-20) |
| 9676 | 894_1.R1084 | hmg_box(HMM:5.2e-31) |
| 9677 | 894_4.R1084 | hmg_box(HMM:5.2e-31) |
| 9678 | LIB3433-043-P1-K1-G2 | hmg_box(HMM:5.2e-31) |
| 9679 | g572169 | hmg_box(HMM:5.4e-19) |
| 9680 | 3604_1.R1084 | hmg_box(HMM:5.9e-12) |
| 9681 | g701299 | hmg_box(HMM:5.9e-18) |
| 9682 | 26222_1.R1084 | hmg_box(HMM:6.1) |
| 9683 | g425923 | hmg_box(HMM:7.4e-19) |
| 9684 | 22604_1.R1084 | hmg_box(HMM:8.3e-18) |
| 9685 | g569750 | hmg_box(HMM:8.8e-25) |
| 9686 | 556_1.R1084 | "homeobox(HMM:0.00017),homeobox_knox3(9.4e-40)" |
| 9687 | 137_1.R1084 | "homeobox(HMM:0.0027),homeobox_knox3(7.9e-36)" |
| 9688 | 12099_1.R1084 | "homeobox(HMM:0.0042),homeobox_knox3(2.7e-12)" |
| 9689 | 38_1.R1084 | "homeobox(HMM:0.0076),homeobox_knox3(5.7e-21)" |
| 9690 | 39_2.R1084 | "homeobox(HMM:0.0087),homeobox_knox3(4.3e-23)" |
| 9691 | 39_1.R1084 | "homeobox(HMM:0.0087),homeobox_knox3(7.3e-23)" |
| 9692 | 40_1.R1084 | "homeobox(HMM:0.0098),homeobox_knox3(6.9e-21)" |
| 9693 | 95453_1.R1084 | "homeobox(HMM:0.023),homeobox_knox3(4.1e-12)" |
| 9694 | LIB3475-008-P1-K1-B6 | homeobox(HMM:0.03) |
| 9695 | 36_1.R1084 | "homeobox(HMM:0.034),homeobox_knox3(1.0e-33)" |
| 9696 | g5103730 | "homeobox(HMM:0.33),homeobox_knox3(7.0e-30)" |
| 9697 | 1062_1.R1084 | homeobox(HMM:1.3e-19) |
| 9698 | 268_1.R1084 | homeobox(HMM:1.4e-17) |
| 9699 | g5006856 | homeobox(HMM:1.5e-19) |
| 9700 | 34_3.R1084 | "homeobox(HMM:1.8e-05),homeobox_knox3(5.2e-31)" |
| 9701 | 25184_1.R1084 | homeobox(HMM:2.4e-18) |
| 9702 | 1063_1.R1084 | homeobox(HMM:2.4e-20) |
| 9703 | 34_1.R1084 | "homeobox(HMM:3.1e- |

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| 9755 | 69892_1.R1084 | iaa(HMM:9.2e-13) |
| 9756 | uC-osrocyp006a05b1 | ibr(HMM:0.00063) |
| 9757 | uC-osflcyp174e03a1 | ibr(HMM:0.00092) |
| 9758 | 44656_1.R1084 | ibr(HMM:7.9e-18) |
| 9759 | uC-osflcyp061g02b1 | "k-box(HMM:0.00056),srf- tf(HMM:5.3e-34)" |
| 9760 | 368_1.R1084 | "k-box(HMM:1.1e-38),srf- tf(HMM:5.6e-38)" |
| 9761 | 15_1.R1084 | "k-box(HMM:1.2e-10),srf- tf(HMM:1.5e-29)" |
| 9762 | 542_1.R1084 | "k-box(HMM:1.2e-39),srf- tf(HMM:1.9e-35)" |
| 9763 | g3761714 | "k-box(HMM:1.3e-08),srf- tf(HMM:1.6e-25)" |
| 9764 | 17_1.R1084 | "k-box(HMM:1.8e-17),srf- tf(HMM:1.9e-36)" |
| 9765 | 888_1.R1084 | "k-box(HMM:1.9e-30),srf- tf(HMM:3.1e-36)" |
| 9766 | 1084_1.R1084 | "k-box(HMM:2.2e-42),srf- tf(HMM:5e-35)" |
| 9767 | 939_2.R1084 | "k-box(HMM:3.5e-13),srf- tf(HMM:3.6e-35)" |
| 9768 | 941_1.R1084 | "k-box(HMM:3.6e-35),srf- tf(HMM:6.1e-36)" |
| 9769 | 947_1.R1084 | "k-box(HMM:4.6e-35),srf- tf(HMM:4.4e-37)" |
| 9770 | 368_2.R1084 | "k-box(HMM:5.2e-41),srf- tf(HMM:5.6e-38)" |
| 9771 | 1053_1.R1084 | "k-box(HMM:5.5e-29),srf- tf(HMM:1.2e-37)" |
| 9772 | 1033_2.R1084 | "k-box(HMM:5.5e-44),srf- tf(HMM:2.7e-38)" |
| 9773 | LIB3433-028-P1-K1-D8 | k-box(HMM:5.7e-07) |
| 9774 | 557_1.R1084 | "k-box(HMM:5e-38),srf- tf(HMM:3.7e-38)" |
| 9775 | 13_1.R1084 | "k-box(HMM:6.5e-36),srf- tf(HMM:4.2e-38)" |
| 9776 | g6650549 | "k-box(HMM:6e-42),srf- tf(HMM:2.7e-38)" |
| 9777 | uC-osflcyp152d12b1 | "k-box(HMM:7.3e-37),srf- tf(HMM:3.3e-35)" |
| 9778 | g2443206 | "k-box(HMM:8.3e-05),srf- tf(HMM:1.9e-35)" |
| 9779 | 1054_1.R1084 | "k-box(HMM:8e-28),srf- tf(HMM:2.6e-34)" |
| 9780 | 14_1.R1084 | "k-box(HMM:9.3e-40),srf- tf(HMM:5.6e-38)" |
| 9781 | 12_1.R1084 | "k-box(HMM:9.7e-16),srf- tf(HMM:3.1e-32)" |
| 9782 | uC-osflcyp101h04a1 | keyword:AGAMOUS(5.0e-11) |
| 9783 | 27523_1.R1084 | keyword:AGL(1.0e-10) |
| 9784 | 38397_1.R1084 | keyword:AGL(1.0e-22) |
| 9785 | g4969438 | keyword:AGL(2.0e-18) |
| 9786 | uC-osflcyp154c12b1 | keyword:AGL(3.0e-46) |

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| 9787 | 27489_1.R1084 | keyword:AGL(3.0e-59) |
| 9788 | g700026 | keyword:AGL(6.0e-58) |
| 9789 | 49022_1.R1084 | keyword:ap2(1.0e-10) |
| 9790 | 45148_1.R1084 | keyword:ap2(1.0e-62) |
| 9791 | 31736_1.R1084 | keyword:ap2(1.0e-85) |
| 9792 | uC-osflcyp162f05b1 | keyword:ap2(2.0e-09) |
| 9793 | 23563_1.R1084 | keyword:ap2(2.0e-17) |
| 9794 | 28418_1.R1084 | keyword:ap2(2.0e-17) |
| 9795 | uC-osroM202033e07b1 | keyword:ap2(2.0e-32) |
| 9796 | g5771042 | keyword:ap2(2.0e-37) |
| 9797 | 7823_1.R1084 | keyword:ap2(2.0e-60) |
| 9798 | uC-osflm202101d08b1 | keyword:ap2(2.0e-74) |
| 9799 | 11000_1.R1084 | keyword:ap2(3.0e-21) |
| 9800 | 48420_1.R1084 | keyword:ap2(3.0e-34) |
| 9801 | 45770_1.R1084 | keyword:ap2(4.0e-10) |
| 9802 | 64591_1.R1084 | keyword:ap2(9.0e-72) |
| 9803 | 21103_1.R1084 | keyword:AT-hook(2.0e-43) |
| 9804 | g286652 | keyword:AT-hook(5.0e-28) |
| 9805 | g5803362 | keyword:bzip(1.0e-25) |
| 9806 | LIB3432-044-P1-K1-C8 | "keyword:bzip(3.0e-18),keyword:dna-binding(3.0e-18)" |
| 9807 | 39840_1.R1084 | keyword:bzip(4.0e-36) |
| 9808 | uC-osflcyp012e03b1 | "keyword:bzip(5.0e-23),keyword:homeobox(5.0e-23)" |
| 9809 | LIB3432-044-P1-K1-C2 | "keyword:bzip(5.0e-37),keyword:dna-binding(5.0e-37)" |
| 9810 | uC-osroM202005g04b1 | "keyword:bzip(5.0e-70),keyword:homeobox(5.0e-70)" |
| 9811 | g5005405 | keyword:bzip(6.0e-54) |
| 9812 | g5455419 | keyword:CONSTANS(2.0e-12) |
| 9813 | 791_1.R1084 | keyword:dna-binding(0.0e+00) |
| 9814 | g5701672 | keyword:dna-binding(1.0e-09) |
| 9815 | 12850_1.R1084 | keyword:dna-binding(1.0e-116) |
| 9816 | g3107379 | keyword:dna-binding(1.0e-14) |
| 9817 | g2800246 | keyword:dna-binding(1.0e-16) |
| 9818 | 73416_1.R1084 | keyword:dna-binding(1.0e-38) |
| 9819 | 65566_1.R1084 | keyword:dna-binding(1.0e-47) |
| 9820 | 8961_1.R1084 | keyword:dna-binding(1.0e-70) |
| 9821 | 6782_1.R1084 | keyword:dna-binding(2.0e-09) |
| 9822 | uC-osflcyp005g05b1 | keyword:dna-binding(2.0e-12) |
| 9823 | 4425_2.R1084 | keyword:dna-binding(2.0e-15) |
| 9824 | uC-osflcyp097f11b1 | keyword:dna-binding(2.0e-30) |
| 9825 | g2309742 | keyword:dna-binding(2.0e-55) |
| 9826 | LIB3434-038-P1-K1-D11 | keyword:dna-binding(3.0e-10) |
| 9827 | g2799822 | keyword:dna-binding(3.0e-14) |
| 9828 | g286642 | keyword:dna-binding(3.0e-25) |
| 9829 | 2851_1.R1084 | keyword:dna-binding(3.0e-66) |
| 9830 | g5003004 | keyword:dna-binding(4.0e-09) |
| 9831 | 21100_1.R1084 | keyword:dna-binding(4.0e-39) |
| 9832 | 53921_1.R1084 | keyword:dna-binding(4.0e-48) |

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| 9833 | 24831_1.R1084 | keyword:dna-binding(5.0e-22) |
| 9834 | LIB3434-062-P1-K1-C5 | keyword:dna-binding(5.0e-24) |
| 9835 | 15176_1.R1084 | keyword:dna-binding(5.0e-70) |
| 9836 | g702330 | keyword:dna-binding(6.0e-16) |
| 9837 | LIB3475-003-P1-K2-D5 | keyword:dna-binding(6.0e-20) |
| 9838 | LIB3433-056-P1-K1-D3 | keyword:dna-binding(6.0e-33) |
| 9839 | LIB3433-031-P1-K1-E11 | keyword:dna-binding(6.0e-39) |
| 9840 | 13023_1.R1084 | keyword:dna-binding(6.0e-67) |
| 9841 | 4425_1.R1084 | keyword:dna-binding(7.0e-15) |
| 9842 | LIB3432-045-P1-K1-D12 | keyword:dna-binding(7.0e-16) |
| 9843 | uC-osroM202007f04b1 | keyword:dna-binding(8.0e-14) |
| 9844 | LIB3432-031-P1-K1-A1 | keyword:dna-binding(8.0e-15) |
| 9845 | 6034_1.R1084 | keyword:dna-binding(9.0e-12) |
| 9846 | 10716_1.R1084 | keyword:dna-binding(9.0e-62) |
| 9847 | g427971 | keyword:enbp(2.0e-11) |
| 9848 | 5573_1.R1084 | keyword:enbp(3.0e-11) |
| 9849 | 18409_1.R1084 | keyword:enbp(3.0e-14) |
| 9850 | g3061105 | keyword:homeobox(1.0e-13) |
| 9851 | g3763207 | keyword:homeobox(1.0e-177) |
| 9852 | 29092_2.R1084 | keyword:homeobox(1.0e-27) |
| 9853 | 16462_2.R1084 | keyword:homeobox(1.0e-39) |
| 9854 | g4878450 | keyword:homeobox(1.0e-40) |
| 9855 | LIB3432-023-P1-K1-H9 | keyword:homeobox(2.0e-13) |
| 9856 | uC-osfIM202094e09b1 | keyword:homeobox(2.0e-19) |
| 9857 | 42739_1.R1084 | keyword:homeobox(2.0e-65) |
| 9858 | uC-osrocyp034g10a1 | keyword:homeobox(3.0e-30) |
| 9859 | g4716207 | keyword:homeobox(3.0e-32) |
| 9860 | g2798656 | keyword:homeobox(3.0e-38) |
| 9861 | 16497_2.R1084 | keyword:homeobox(3.0e-63) |
| 9862 | g4715665 | keyword:homeobox(4.0e-14) |
| 9863 | g4968815 | keyword:homeobox(4.0e-19) |
| 9864 | 7379_1.R1084 | keyword:homeobox(4.0e-81) |
| 9865 | LIB3431-049-P1-K1-C4 | keyword:homeobox(5.0e-20) |
| 9866 | 16462_1.R1084 | keyword:homeobox(6.0e-42) |
| 9867 | 27607_1.R1084 | keyword:homeobox(6.0e-57) |
| 9868 | uC-osflcyp023c08b1 | keyword:homeobox(7.0e-33) |
| 9869 | 75625_1.R1084 | keyword:homeobox(8.0e-12) |
| 9870 | g1036987 | keyword:homeobox(9.0e-11) |
| 9871 | g2431423 | keyword:homeobox(9.0e-12) |
| 9872 | g2428109 | "keyword:homeodomain(1.0e-16),keyword:Leucine-zipper(1.0e-16)" |
| 9873 | uC-osfIM202091e09b1 | "keyword:homeodomain(1.0e-66),keyword:KNOX(1.0e-66)" |
| 9874 | 27862_1.R1084 | keyword:homeodomain(3.0e-20) |
| 9875 | LIB3433-024-P1-K1-D12 | "keyword:homeodomain(3.0e-36),keyword:Leucine-zipper(3.0e-36)" |
| 9876 | LIB3431-060-P1-N1-G12 | "keyword:homeodomain(5.0e-23),keyword:Leucine-zipper(5.0e-23)" |
| 9877 | uC-osrocyp037c05b1 | "keyword:homeodomain(6.0e-10),keyword:Leucine-zipper(6.0e-10)" |

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| 9878 | uC-osroM202007f01b1 | "keyword:homeodomain(6.0e-13),keyword:Leucine-zipper(6.0e-13)" |
| 9879 | LIB3432-059-P1-K1-A7 | keyword:homeodomain(6.0e-21) |
| 9880 | uC-osroM202007f07b1 | "keyword:homeodomain(9.0e-58),keyword:Leucine-zipper(9.0e-58)" |
| 9881 | 989_1.R1084 | keyword:Leucine-zipper(1.0e-11) |
| 9882 | LIB3433-020-P1-K1-H8 | keyword:Leucine-zipper(1.0e-18) |
| 9883 | LIB3433-040-P1-K1-C10 | keyword:Leucine-zipper(1.0e-46) |
| 9884 | uC-osrocyp003c08a1 | keyword:Leucine-zipper(2.0e-13) |
| 9885 | uC-osflm202107h06b1 | keyword:Leucine-zipper(6.0e-16) |
| 9886 | uC-osflm202099e11b1 | keyword:Leucine-zipper(8.0e-16) |
| 9887 | g3107709 | keyword:Leucine-zipper(9.0e-13) |
| 9888 | g3766809 | keyword:mads(0.0e+00) |
| 9889 | uC-osrocyp002g04b1 | keyword:mads(1.0e-102) |
| 9890 | 939_1.R1084 | keyword:mads(1.0e-108) |
| 9891 | g700390 | keyword:mads(1.0e-21) |
| 9892 | uC-osflcyp168c02b1 | keyword:mads(1.0e-21) |
| 9893 | uC-osflcyp139e07b1 | keyword:mads(2.0e-12) |
| 9894 | g2799733 | keyword:mads(2.0e-21) |
| 9895 | uC-osrocyp012f09a1 | keyword:mads(3.0e-14) |
| 9896 | g2311150 | keyword:mads(3.0e-29) |
| 9897 | LIB3431-031-P1-N1-H7 | keyword:mads(4.0e-63) |
| 9898 | uC-osflcyp171e06b1 | keyword:mads(4.0e-64) |
| 9899 | g3766926 | keyword:myb(0.0e+00) |
| 9900 | g2311180 | keyword:myb(1.0e-10) |
| 9901 | LIB3434-028-P1-K1-A11 | keyword:myb(1.0e-109) |
| 9902 | g2797354 | keyword:myb(1.0e-124) |
| 9903 | 41505_1.R1084 | keyword:myb(1.0e-137) |
| 9904 | g3762489 | keyword:myb(1.0e-140) |
| 9905 | LIB3475-003-P1-K2-H11 | keyword:myb(1.0e-140) |
| 9906 | 15310_2.R1084 | keyword:myb(1.0e-19) |
| 9907 | 24179_2.R1084 | keyword:myb(1.0e-23) |
| 9908 | 23880_5.R1084 | keyword:myb(1.0e-25) |
| 9909 | g2428478 | "keyword:myb(1.0e-30),keyword:dna-binding(1.0e-30)" |
| 9910 | 11016_1.R1084 | keyword:myb(2.0e-09) |
| 9911 | uC-osflcyp028b07b1 | keyword:myb(2.0e-12) |
| 9912 | g2431127 | keyword:myb(3.0e-11) |
| 9913 | 23880_2.R1084 | keyword:myb(3.0e-12) |
| 9914 | g3107222 | keyword:myb(3.0e-22) |
| 9915 | g5455327 | keyword:myb(3.0e-34) |
| 9916 | 15310_1.R1084 | keyword:myb(4.0e-15) |
| 9917 | uC-osflcyp106c01b1 | "keyword:myb(6.0e-12),keyword:dna-binding(6.0e-12)" |
| 9918 | g3106580 | keyword:myb(6.0e-36) |
| 9919 | g568662 | keyword:myb(7.0e-33) |
| 9920 | 30772_1.R1084 | keyword:myb(8.0e-10) |
| 9921 | uC-osflcyp013d12b1 | keyword:myb(8.0e-19) |
| 9922 | g3764124 | keyword:scarecrow(1.0e-15) |
| 9923 | 56673_1.R1084 | keyword:scarecrow(7.0e-10) |

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| 9924 | 40321_1.R1084 | keyword:scarecrow(7.0e-17) |
| 9925 | g2428540 | keyword:transcription(1.0e-09) |
| 9926 | 29696_1.R1084 | keyword:transcription(1.0e-10) |
| 9927 | 13411_1.R1084 | keyword:transcription(1.0e-109) |
| 9928 | 14950_1.R1084 | keyword:transcription(1.0e-11) |
| 9929 | LIB3475-003-P1-K2-H5 | keyword:transcription(1.0e-11) |
| 9930 | LIB3475-009-P1-K1-G5 | keyword:transcription(1.0e-11) |
| 9931 | LIB3431-020-P1-K1-C3 | keyword:transcription(1.0e-12) |
| 9932 | g2442395 | "keyword:transcription(1.0e-139),keyword:bzip(1.0e-139)" |
| 9933 | g3106822 | keyword:transcription(1.0e-14) |
| 9934 | 29931_1.R1084 | keyword:transcription(1.0e-15) |
| 9935 | 46041_1.R1084 | keyword:transcription(1.0e-17) |
| 9936 | LIB3431-055-P2-K1-H12 | keyword:transcription(1.0e-18) |
| 9937 | 8854_1.R1084 | keyword:transcription(1.0e-19) |
| 9938 | 61380_1.R1084 | keyword:transcription(1.0e-22) |
| 9939 | uC-osflcyp122a06b1 | keyword:transcription(1.0e-29) |
| 9940 | g286583 | keyword:transcription(1.0e-34) |
| 9941 | 60824_1.R1084 | keyword:transcription(1.0e-41) |
| 9942 | g4715646 | keyword:transcription(2.0e-09) |
| 9943 | LIB3432-023-P1-K1-D4 | keyword:transcription(2.0e-10) |
| 9944 | uC-osflcyp026d01b1 | keyword:transcription(2.0e-11) |
| 9945 | uC-osflcyp082b06b1 | "keyword:transcription(2.0e-11),keyword:myb(2.0e-11),keyword:dna-binding(2.0e-11)" |
| 9946 | 13257_1.R1084 | keyword:transcription(2.0e-12) |
| 9947 | 71934_1.R1084 | "keyword:transcription(2.0e-15),keyword:bzip(2.0e-15)" |
| 9948 | LIB3434-042-P1-K1-A9 | keyword:transcription(2.0e-17) |
| 9949 | 15120_1.R1084 | "keyword:transcription(2.0e-17),keyword:zinc-finger(2.0e-17)" |
| 9950 | 1998_1.R1084 | keyword:transcription(2.0e-18) |
| 9951 | g2800802 | keyword:transcription(2.0e-19) |
| 9952 | 984_1.R1084 | keyword:transcription(2.0e-20) |
| 9953 | uC-osflM202086a05a1 | keyword:transcription(2.0e-22) |
| 9954 | 23206_2.R1084 | keyword:transcription(2.0e-26) |
| 9955 | 24716_1.R1084 | keyword:transcription(2.0e-29) |
| 9956 | 535_2.R1084 | keyword:transcription(2.0e-29) |
| 9957 | LIB3433-025-P1-K1-E5 | keyword:transcription(2.0e-40) |
| 9958 | LIB3434-008-P1-K1-D8 | keyword:transcription(3.0e-09) |
| 9959 | 63140_1.R1084 | keyword:transcription(3.0e-10) |
| 9960 | 7754_1.R1084 | keyword:transcription(3.0e-12) |
| 9961 | LIB3432-053-P1-K1-C9 | keyword:transcription(3.0e-15) |
| 9962 | uC-osroM202011d02a1 | keyword:transcription(3.0e-15) |
| 9963 | 52517_1.R1084 | keyword:transcription(3.0e-46) |
| 9964 | LIB3434-043-P1-K1-G4 | keyword:transcription(4.0e-15) |
| 9965 | 54683_1.R1084 | keyword:transcription(4.0e-21) |
| 9966 | uC-osflM202081c05b1 | keyword:transcription(4.0e-26) |
| 9967 | 26686_1.R1084 | keyword:transcription(4.0e-35) |
| 9968 | g2801365 | keyword:transcription(4.0e-76) |
| 9969 | 25874_1.R1084 | keyword:transcription(5.0e-14) |
| 9970 | uC-osflcyp046b11b1 | keyword:transcription(5.0e-20) |

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| 9971 | 57500_1.R1084 | keyword:transcription(5.0e-25) |
| 9972 | uC-osroM202017b01b1 | keyword:transcription(5.0e-26) |
| 9973 | 4371_1.R1084 | "keyword:transcription(5.0e-26),keyword:myb(5.0e-26),keyword:dna-binding(5.0e-26)" |
| 9974 | g3107363 | keyword:transcription(5.0e-28) |
| 9975 | LIB3432-056-P1-K1-B4 | keyword:transcription(5.0e-33) |
| 9976 | 6998_1.R1084 | keyword:transcription(5.0e-47) |
| 9977 | 2983_1.R1084 | keyword:transcription(5.0e-58) |
| 9978 | 4996_1.R1084 | keyword:transcription(5.0e-62) |
| 9979 | g569346 | keyword:transcription(6.0e-15) |
| 9980 | 12268_1.R1084 | "keyword:transcription(6.0e-15),keyword:myb(6.0e-15),keyword:dna-binding(6.0e-15)" |
| 9981 | 12573_1.R1084 | keyword:transcription(6.0e-22) |
| 9982 | g286956 | keyword:transcription(6.0e-28) |
| 9983 | 21380_1.R1084 | keyword:transcription(7.0e-70) |
| 9984 | 32278_1.R1084 | keyword:transcription(7.0e-90) |
| 9985 | LIB3434-018-P1-K1-G11 | keyword:transcription(8.0e-11) |
| 9986 | uC-osflcyp022h12b1 | "keyword:transcription(8.0e-15),keyword:bzip(8.0e-15)" |
| 9987 | 4034_1.R1084 | keyword:transcription(8.0e-18) |
| 9988 | LIB3432-023-P1-K1-A9 | keyword:transcription(8.0e-31) |
| 9989 | LIB3433-026-P1-K1-D8 | keyword:transcription(9.0e-21) |
| 9990 | g4968866 | keyword:transcription(9.0e-30) |
| 9991 | 23206_1.R1084 | keyword:transcription(9.0e-47) |
| 9992 | 24575_1.R1084 | keyword:zinc-finger(1.0e-09) |
| 9993 | 2874_1.R1084 | keyword:zinc-finger(1.0e-09) |
| 9994 | 134_2.R1084 | keyword:zinc-finger(1.0e-104) |
| 9995 | uC-osroM202013b04b1 | keyword:zinc-finger(1.0e-11) |
| 9996 | 72794_1.R1084 | keyword:zinc-finger(1.0e-13) |
| 9997 | LIB3433-044-P1-K1-F8 | keyword:zinc-finger(1.0e-13) |
| 9998 | LIB3434-044-P1-K1-F2 | keyword:zinc-finger(1.0e-14) |
| 9999 | uC-osrocyp009c09a1 | keyword:zinc-finger(1.0e-16) |
| 10000 | LIB3477-002-P1-K1-H6 | keyword:zinc-finger(1.0e-17) |
| 10001 | LIB3434-003-P1-K1-B11 | keyword:zinc-finger(1.0e-20) |
| 10002 | 41183_1.R1084 | keyword:zinc-finger(1.0e-21) |
| 10003 | 54653_1.R1084 | keyword:zinc-finger(1.0e-21) |
| 10004 | 5494_1.R1084 | keyword:zinc-finger(1.0e-25) |
| 10005 | LIB3434-004-P1-K1-G9 | keyword:zinc-finger(1.0e-31) |
| 10006 | LIB3434-024-P1-K1-A7 | keyword:zinc-finger(1.0e-34) |
| 10007 | 35725_1.R1084 | keyword:zinc-finger(2.0e-09) |
| 10008 | g2310056 | keyword:zinc-finger(2.0e-14) |
| 10009 | LIB3433-034-P1-K1-B9 | keyword:zinc-finger(2.0e-20) |
| 10010 | uC-osflcyp168e10b1 | keyword:zinc-finger(2.0e-24) |
| 10011 | 17720_1.R1084 | keyword:zinc-finger(2.0e-28) |
| 10012 | uC-osflcyp169b08a1 | keyword:zinc-finger(2.0e-31) |
| 10013 | 946_1.R1084 | keyword:zinc-finger(2.0e-48) |
| 10014 | uC-osflcyp168e05b1 | keyword:zinc-finger(2.0e-49) |
| 10015 | LIB3431-045-P1-K1-F6 | keyword:zinc-finger(3.0e-16) |
| 10016 | LIB3431-022-P1-K1-E8 | keyword:zinc-finger(3.0e-17) |
| 10017 | uC-osroM202004b11b1 | keyword:zinc-finger(3.0e-19) |

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| 10018 | 5501_2.R1084 | keyword:zinc-finger(3.0e-20) |
| 10019 | 15241_1.R1084 | keyword:zinc-finger(3.0e-34) |
| 10020 | uC-osflm202109e01b1 | keyword:zinc-finger(3.0e-49) |
| 10021 | uC-osroM202039a10b1 | keyword:zinc-finger(3.0e-66) |
| 10022 | g3763031 | keyword:zinc-finger(4.0e-10) |
| 10023 | g2442520 | keyword:zinc-finger(4.0e-12) |
| 10024 | 30885_5.R1084 | keyword:zinc-finger(4.0e-29) |
| 10025 | g3762669 | keyword:zinc-finger(4.0e-42) |
| 10026 | LIB3475-012-P1-K1-B3 | keyword:zinc-finger(5.0e-15) |
| 10027 | 90324_1.R1084 | keyword:zinc-finger(5.0e-17) |
| 10028 | 945_1.R1084 | keyword:zinc-finger(5.0e-28) |
| 10029 | g2310863 | keyword:zinc-finger(5.0e-46) |
| 10030 | 30885_3.R1084 | keyword:zinc-finger(6.0e-14) |
| 10031 | LIB3432-042-P2-K1-C5 | keyword:zinc-finger(6.0e-14) |
| 10032 | 55901_1.R1084 | keyword:zinc-finger(6.0e-17) |
| 10033 | uC-osflcyp061a07b1 | keyword:zinc-finger(6.0e-19) |
| 10034 | 5501_1.R1084 | keyword:zinc-finger(6.0e-40) |
| 10035 | uC-osflcyp025h12b1 | keyword:zinc-finger(6.0e-50) |
| 10036 | 65347_1.R1084 | keyword:zinc-finger(7.0e-15) |
| 10037 | 22752_1.R1084 | keyword:zinc-finger(7.0e-17) |
| 10038 | LIB3477-005-P1-K1-B6 | keyword:zinc-finger(7.0e-25) |
| 10039 | uC-osflcyp129b04a1 | keyword:zinc-finger(7.0e-25) |
| 10040 | 47079_1.R1084 | keyword:zinc-finger(7.0e-36) |
| 10041 | 2_3.R1084 | keyword:zinc-finger(7.0e-62) |
| 10042 | LIB3434-052-P1-K1-C10 | keyword:zinc-finger(8.0e-09) |
| 10043 | uC-osroM202017h09b1 | keyword:zinc-finger(8.0e-11) |
| 10044 | g700954 | keyword:zinc-finger(8.0e-15) |
| 10045 | LIB3475-005-P1-K1-A12 | keyword:zinc-finger(8.0e-19) |
| 10046 | 18382_1.R1084 | keyword:zinc-finger(9.0e-09) |
| 10047 | LIB3433-013-Q6-K1-C2 | keyword:zinc-finger(9.0e-10) |
| 10048 | g2428309 | keyword:zinc-finger(9.0e-19) |
| 10049 | LIB3431-019-P1-K1-E3 | keyword:zinc-finger(9.0e-26) |
| 10050 | 33471_1.R1084 | lim(HMM:0.00033) |
| 10051 | 36105_1.R1084 | lim(HMM:1.1e-10) |
| 10052 | 29906_1.R1084 | lim(HMM:1.4e-14) |
| 10053 | 32464_1.R1084 | lim(HMM:3.6e-16) |
| 10054 | 47245_1.R1084 | lim(HMM:4.8e-13) |
| 10055 | 15955_1.R1084 | lim(HMM:5.1e-14) |
| 10056 | uC-osflcyp029a12b1 | lim(HMM:8.2e-15) |
| 10057 | 29109_1.R1084 | lim(HMM:9.9e-30) |
| 10058 | 10135_1.R1084 | linker_histone(HMM:0.00041) |
| 10059 | g4880179 | linker_histone(HMM:0.0033) |
| 10060 | 58045_2.R1084 | "linker_histone(HMM:0.014),my b_dna-binding(HMM:0.00018)" |
| 10061 | g3106829 | linker_histone(HMM:0.023) |
| 10062 | uC-osflcyp033a05b1 | linker_histone(HMM:0.65) |
| 10063 | 6443_2.R1084 | linker_histone(HMM:1.2e-40) |
| 10064 | 6443_1.R1084 | linker_histone(HMM:1.6e-22) |
| 10065 | 1650_1.R1084 | linker_histone(HMM:1.7e-29) |
| 10066 | g3768078 | linker_histone(HMM:2.5e-07) |
| 10067 | 361_1.R1084 | linker_histone(HMM:3.4e-27) |
| 10068 | 565_1.R1084 | linker_histone(HMM:3e-20) |
| 10069 | 24136_1.R1084 | linker_histone(HMM:4.2e-35) |
| 10070 | 316_1.R1084 | linker_histone(HMM:5.5e-20) |

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| 10071 | 361_2.R1084 | linker_histone(HMM:7.5e-13) |
| 10072 | 361_8.R1084 | linker_histone(HMM:8.1e-24) |
| 10073 | g1044913 | myb_dna-binding(HMM:0.00018) |
| 10074 | 11900_1.R1084 | myb_dna-binding(HMM:0.00083) |
| 10075 | uC-osflm202109f10b1 | myb_dna-binding(HMM:0.00083) |
| 10076 | g5038822 | myb_dna-binding(HMM:0.0059) |
| 10077 | 19338_1.R1084 | myb_dna-binding(HMM:0.0067) |
| 10078 | LIB3432-060-P1-K1-G9 | myb_dna-binding(HMM:0.011) |
| 10079 | 29944_1.R1084 | myb_dna-binding(HMM:0.032) |
| 10080 | uC-osflcyp085a07b1 | myb_dna-binding(HMM:0.053) |
| 10081 | 2963_2.R1084 | myb_dna-binding(HMM:0.063) |
| 10082 | uC-osroM202011d03b1 | myb_dna-binding(HMM:0.081) |
| 10083 | 25807_1.R1084 | myb_dna-binding(HMM:0.11) |
| 10084 | g2427551 | myb_dna-binding(HMM:0.13) |
| 10085 | g3761372 | myb_dna-binding(HMM:0.21) |
| 10086 | g3768333 | myb_dna-binding(HMM:0.35) |
| 10087 | LIB3475-005-P1-K1-C3 | myb_dna-binding(HMM:1.1e-08) |
| 10088 | uC-osflcyp144f11b1 | myb_dna-binding(HMM:1.1e-08) |
| 10089 | 36633_1.R1084 | myb_dna-binding(HMM:1.1e-11) |
| 10090 | uC-osflcyp029f12b1 | myb_dna-binding(HMM:1.1e-17) |
| 10091 | uC-osflm202106g04b1 | myb_dna-binding(HMM:1.1e-18) |
| 10092 | uC-osflcyp037e12b1 | myb_dna-binding(HMM:1.1e-19) |
| 10093 | 57759_1.R1084 | myb_dna-binding(HMM:1.1e-23) |
| 10094 | g4138298 | myb_dna-binding(HMM:1.1e-38) |
| 10095 | g2943795 | myb_dna-binding(HMM:1.2e-14) |
| 10096 | 15286_1.R1084 | myb_dna-binding(HMM:1.2e-16) |
| 10097 | 60716_1.R1084 | myb_dna-binding(HMM:1.3e-19) |
| 10098 | uC-osflcyp159c11b1 | myb_dna-binding(HMM:1.3e-45) |
| 10099 | g1946266 | myb_dna-binding(HMM:1.4e-46) |
| 10100 | 62726_1.R1084 | myb_dna-binding(HMM:1.6) |
| 10101 | g428572 | myb_dna-binding(HMM:1.6e-05) |
| 10102 | 66726_1.R1084 | myb_dna-binding(HMM:1.7) |
| 10103 | 52906_1.R1084 | myb_dna-binding(HMM:1.7e-34) |
| 10104 | g1945280 | myb_dna-binding(HMM:1.8e-42) |
| 10105 | g2605618 | myb_dna-binding(HMM:1.8e-45) |
| 10106 | g2943796 | myb_dna-binding(HMM:1e-11) |
| 10107 | g1945278 | myb_dna-binding(HMM:1e-43) |
| 10108 | 6098_1.R1084 | myb_dna-binding(HMM:2.2) |
| 10109 | LIB3433-006-Q6-K6-C8 | myb_dna-binding(HMM:2.2) |
| 10110 | uC-osflcyp039g02b1 | myb_dna-binding(HMM:2.2e-13) |
| 10111 | 5500_1.R1084 | myb_dna-binding(HMM:2.5e-18) |
| 10112 | uC-osflcyp110b03b1 | myb_dna-binding(HMM:2.7) |
| 10113 | g2943797 | myb_dna-binding(HMM:2.8e-11) |
| 10114 | 65698_1.R1084 | myb_dna-binding(HMM:2e-08) |
| 10115 | 62069_1.R1084 | myb_dna-binding(HMM:2e-25) |
| 10116 | 254_1.R1084 | myb_dna-binding(HMM:2e-43) |
| 10117 | 15546_1.R1084 | myb_dna-binding(HMM:3.1e-19) |
| 10118 | g2605620 | myb_dna-binding(HMM:3.5e-41) |
| 10119 | 283_1.R1084 | myb_dna-binding(HMM:3.5e-45) |
| 10120 | 201_3.R1084 | myb_dna-binding(HMM:3.6e-20) |
| 10121 | 72799_1.R1084 | myb_dna-binding(HMM:3.6e-20) |

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| 10122 | g2442373 | myb_dna-binding(HMM:3.8e-05) |
| 10123 | 201_1.R1084 | myb_dna-binding(HMM:4.3e-46) |
| 10124 | g2605624 | myb_dna-binding(HMM:4.9e-40) |
| 10125 | uC-osrocyp014d02b1 | myb_dna-binding(HMM:5.1e-22) |
| 10126 | g2943794 | myb_dna-binding(HMM:5.3e-12) |
| 10127 | 96537_1.R1084 | myb_dna-binding(HMM:5.7e-06) |
| 10128 | g569489 | myb_dna-binding(HMM:5.9e-11) |
| 10129 | 5500_2.R1084 | myb_dna-binding(HMM:6.4e-17) |
| 10130 | 2963_1.R1084 | myb_dna-binding(HMM:6.7e-05) |
| 10131 | LIB3477-010-P1-K1-A3 | myb_dna-binding(HMM:6.8e-23) |
| 10132 | g2943798 | myb_dna-binding(HMM:6e-12) |
| 10133 | LIB3433-019-P1-K1-H3 | myb_dna-binding(HMM:7.3e-09) |
| 10134 | g2431275 | myb_dna-binding(HMM:7.3e-42) |
| 10135 | 30629_1.R1084 | myb_dna-binding(HMM:7.4e-20) |
| 10136 | LIB3434-054-P1-K1-G7 | myb_dna-binding(HMM:7.6e-19) |
| 10137 | LIB3433-021-P1-K1-E2 | myb_dna-binding(HMM:7.9e-05) |
| 10138 | g2605622 | myb_dna-binding(HMM:8.6e-37) |
| 10139 | LIB3434-018-P1-K1-F3 | myb_dna-binding(HMM:8e-41) |
| 10140 | g1945282 | myb_dna-binding(HMM:9.8e-41) |
| 10141 | 25429_1.R1084 | nam(HMM:0.00025) |
| 10142 | uC-osflcyp108a02b1 | nam(HMM:0.00028) |
| 10143 | g2280766 | nam(HMM:0.0019) |
| 10144 | LIB3432-025-P1-K1-C4 | nam(HMM:0.0035) |
| 10145 | g700446 | nam(HMM:0.0052) |
| 10146 | g426135 | nam(HMM:0.0058) |
| 10147 | g3462546 | nam(HMM:0.031) |
| 10148 | g699894 | nam(HMM:0.14) |
| 10149 | uC-osroM202007c05b1 | nam(HMM:0.14) |
| 10150 | 58401_1.R1084 | nam(HMM:1.2e-77) |
| 10151 | 73288_1.R1084 | nam(HMM:1.4e-06) |
| 10152 | uC-osroM202017g09a1 | nam(HMM:1.4e-06) |
| 10153 | g2311034 | nam(HMM:1.5) |
| 10154 | 70739_1.R1084 | nam(HMM:1.5e-11) |
| 10155 | 69232_1.R1084 | nam(HMM:1.5e-18) |
| 10156 | 23606_1.R1084 | nam(HMM:1.9e-06) |
| 10157 | 77469_1.R1084 | nam(HMM:1.9e-07) |
| 10158 | 45084_1.R1084 | nam(HMM:2.1) |
| 10159 | LIB3431-001-P1-K1-G9 | nam(HMM:2.1e-05) |
| 10160 | LIB3432-002-P1-K1-B11 | nam(HMM:2.1e-12) |
| 10161 | g2310551 | nam(HMM:2.5) |
| 10162 | LIB3477-009-P1-K1-E12 | nam(HMM:2.7e-08) |
| 10163 | uC-osrocyp010e10b1 | nam(HMM:2.8e-15) |
| 10164 | g286580 | nam(HMM:2.8e-31) |
| 10165 | 71900_1.R1084 | nam(HMM:2.8e-33) |
| 10166 | LIB3432-002-P1-K1-B6 | nam(HMM:3.1e-36) |
| 10167 | 86873_1.R1084 | nam(HMM:3.2e-08) |
| 10168 | 68488_1.R1084 | nam(HMM:3.4e-55) |
| 10169 | 8308_1.R1084 | nam(HMM:3.7e-07) |
| 10170 | 32554_1.R1084 | nam(HMM:3.8e-73) |
| 10171 | LIB3434-009-P1-K1-B11 | nam(HMM:3.9e-10) |
| 10172 | g3762088 | nam(HMM:4.3e-57) |
| 10173 | uC-osroM202005c08b1 | nam(HMM:4.8e-07) |
| 10174 | uC-osroM202029c07b1 | nam(HMM:4.9e-32) |
| 10175 | 26933_1.R1084 | nam(HMM:5.2e-40) |

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| 10176 | g5003897 | nam(HMM:5.3e-18) |
| 10177 | uC-osflcyp142b08b1 | nam(HMM:5.4e-41) |
| 10178 | 42911_1.R1084 | nam(HMM:6.1e-21) |
| 10179 | g3768398 | nam(HMM:6.5e-27) |
| 10180 | 11904_1.R1084 | nam(HMM:6.5e-42) |
| 10181 | 41770_1.R1084 | nam(HMM:6.8e-06) |
| 10182 | 10326_1.R1084 | nam(HMM:7.5) |
| 10183 | 8132_1.R1084 | nam(HMM:7e-32) |
| 10184 | uC-osrocyp010a11b1 | nam(HMM:8.3e-08) |
| 10185 | 60369_1.R1084 | nam(HMM:8.9e-42) |
| 10186 | 2878_1.R1084 | nam(HMM:8e-83) |
| 10187 | 14254_1.R1084 | nam(HMM:9.2e-83) |
| 10188 | 17383_1.R1084 | nap_family(HMM:0.014) |
| 10189 | g4715450 | nap_family(HMM:0.024) |
| 10190 | 4673_1.R1084 | nap_family(HMM:4.5e-12) |
| 10191 | g5004085 | nap_family(HMM:4.6e-07) |
| 10192 | 26430_1.R1084 | nap_family(HMM:5.2e-11) |
| 10193 | g3107495 | nap_family(HMM:9.7e-05) |
| 10194 | 23048_1.R1084 | nap_family(HMM:9.9e-134) |
| 10195 | 473_3.R1084 | phd(HMM:0.00026) |
| 10196 | 4628_1.R1084 | phd(HMM:0.00027) |
| 10197 | 21284_1.R1084 | phd(HMM:0.0036) |
| 10198 | 30447_1.R1084 | phd(HMM:0.047) |
| 10199 | 806_1.R1084 | phd(HMM:0.049) |
| 10200 | g3107408 | phd(HMM:0.052) |
| 10201 | LIB3432-044-P1-K1-F12 | phd(HMM:0.66) |
| 10202 | 71359_1.R1084 | phd(HMM:1.5e-11) |
| 10203 | 15349_1.R1084 | phd(HMM:1e-05) |
| 10204 | 834_1.R1084 | phd(HMM:2.5e-13) |
| 10205 | g2310253 | phd(HMM:2.8e-12) |
| 10206 | 33858_1.R1084 | phd(HMM:3.2e-10) |
| 10207 | LIB3475-001-P1-K2-A6 | phd(HMM:4.6e-05) |
| 10208 | g2310356 | phd(HMM:4.9e-13) |
| 10209 | 33805_1.R1084 | phd(HMM:5.5e-07) |
| 10210 | 3817_1.R1084 | phd(HMM:8.7e-12) |
| 10211 | 6912_2.R1084 | response_reg(HMM:0.0024) |
| 10212 | g428412 | response_reg(HMM:0.0046) |
| 10213 | 18941_1.R1084 | response_reg(HMM:0.13) |
| 10214 | g428793 | response_reg(HMM:0.25) |
| 10215 | g2310482 | response_reg(HMM:0.46) |
| 10216 | 6694_1.R1084 | response_reg(HMM:1.1e-29) |
| 10217 | 27227_1.R1084 | response_reg(HMM:2.5e-33) |
| 10218 | 65600_1.R1084 | response_reg(HMM:6.7e-05) |
| 10219 | uC-osflcyp152a08b1 | response_reg(HMM:6e-36) |
| 10220 | 30154_1.R1084 | response_reg(HMM:8.8e-10) |
| 10221 | uC-osflM202098d12b1 | response_reg(HMM:8e-08) |
| 10222 | 57553_1.R1084 | sbpb(HMM:0.00027) |
| 10223 | g3060979 | sbpb(HMM:0.00029) |
| 10224 | g2427896 | sbpb(HMM:0.0017) |
| 10225 | LIB3431-005-P1-K1-A11 | sbpb(HMM:1.2e-07) |
| 10226 | uC-osflcyp111h05b1 | sbpb(HMM:4e-22) |
| 10227 | 413_1.R1084 | sbpb(HMM:4e-41) |
| 10228 | LIB3431-003-P1-K1-F10 | scr(HMM:0.00012) |
| 10229 | g2428032 | scr(HMM:0.00014) |

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| 10230 | g2800755 | scr(HMM:0.0015) |
| 10231 | LIB3475-010-P1-K1-G4 | scr(HMM:0.013) |
| 10232 | LIB3475-004-P1-K2-A7 | scr(HMM:0.034) |
| 10233 | 3411_1.R1084 | scr(HMM:0.11) |
| 10234 | LIB3434-055-P1-K1-A3 | scr(HMM:0.24) |
| 10235 | 18680_1.R1084 | scr(HMM:1.7e-06) |
| 10236 | uC-osflcyp154e07b1 | scr(HMM:1.9e-12) |
| 10237 | 58370_1.R1084 | scr(HMM:2.2e-08) |
| 10238 | 16838_1.R1084 | scr(HMM:2.3e-05) |
| 10239 | 869_1.R1084 | scr(HMM:2.4e-09) |
| 10240 | 92707_1.R1084 | scr(HMM:2e-24) |
| 10241 | g1632595 | scr(HMM:4.8e-10) |
| 10242 | uC-osroM202029e07a1 | scr(HMM:5.5) |
| 10243 | 73928_1.R1084 | scr(HMM:5.8e-10) |
| 10244 | 47013_1.R1084 | scr(HMM:8.5e-19) |
| 10245 | uC-osflM202039c07b1 | scr(HMM:8.8e-13) |
| 10246 | LIB3434-040-P1-K1-A12 | scr(HMM:9.3e-30) |
| 10247 | LIB3433-008-Q6-K1-D12 | set(HMM:0.0009) |
| 10248 | g286292 | set(HMM:0.29) |
| 10249 | g3767459 | set(HMM:1.3e-10) |
| 10250 | LIB3474-011-P1-K1-F11 | set(HMM:1.6e-07) |
| 10251 | g6024918 | set(HMM:2.3e-05) |
| 10252 | 13697_1.R1084 | set(HMM:2.8e-40) |
| 10253 | 69773_1.R1084 | set(HMM:3.2e-14) |
| 10254 | 1282_1.R1084 | set(HMM:6.9e-12) |
| 10255 | 34943_1.R1084 | set(HMM:7.2e-06) |
| 10256 | LIB3434-021-P1-K1-B11 | set(HMM:7.5e-52) |
| 10257 | uC-osflM202075a05b1 | snf2_n(HMM:0.00023) |
| 10258 | uC-osflm202106b05b1 | snf2_n(HMM:0.017) |
| 10259 | 10281_1.R1084 | snf2_n(HMM:1.8e-13) |
| 10260 | g4878434 | snf2_n(HMM:2.9e-28) |
| 10261 | LIB3432-034-P2-K1-D8 | snf2_n(HMM:3e-10) |
| 10262 | g568929 | snf2_n(HMM:3e-20) |
| 10263 | g2310168 | snf2_n(HMM:6.9e-06) |
| 10264 | g5002985 | snf2_n(HMM:6e-05) |
| 10265 | g3061059 | srf-tf(HMM:0.017) |
| 10266 | g5426465 | srf-tf(HMM:1.1e-27) |
| 10267 | uC-osflcyp174g12b1 | srf-tf(HMM:1.2e-28) |
| 10268 | 16_1.R1084 | srf-tf(HMM:1.4e-29) |
| 10269 | 25529_1.R1084 | srf-tf(HMM:1.5e-05) |
| 10270 | g700642 | srf-tf(HMM:1.5e-33) |
| 10271 | uC-osflM202096e01b1 | srf-tf(HMM:2.1e-06) |
| 10272 | uC-osflcyp139b07b1 | srf-tf(HMM:2.2e-22) |
| 10273 | g426557 | srf-tf(HMM:2.7e-38) |
| 10274 | g6012815 | srf-tf(HMM:3.5e-20) |
| 10275 | LIB3431-031-P1-K1-H7 | srf-tf(HMM:3.9) |
| 10276 | g5003359 | srf-tf(HMM:3.9e-33) |
| 10277 | LIB3432-010-P1-K1-H6 | srf-tf(HMM:4.1e-16) |
| 10278 | uC-osflM202089a01b1 | srf-tf(HMM:4e-32) |
| 10279 | uC-osflcyp126b06b1 | srf-tf(HMM:5.6e-38) |
| 10280 | uC-osflcyp021c04b1 | srf-tf(HMM:6.5e-33) |
| 10281 | g3763404 | tbp(HMM:1.7e-38) |
| 10282 | 20009_1.R1084 | tbp(HMM:1.8e-38) |
| 10283 | g2312500 | tbp(HMM:5.9e-38) |

| | | |
|-------|-----------------------|---|
| 10284 | 55698_1.R1084 | tbp(HMM:9e-39) |
| 10285 | g2442643 | teo(HMM:0.00054) |
| 10286 | 196_1.R1084 | teo(HMM:1.1e-36) |
| 10287 | g2580437 | teo(HMM:1.6e-39) |
| 10288 | uC-osflcyp154c11b1 | teo(HMM:2.8e-37) |
| 10289 | uC-osrocyp034e01a1 | teo(HMM:4e-30) |
| 10290 | g5003300 | teo(HMM:5.4e-20) |
| 10291 | 50960_1.R1084 | tfiis(HMM:0.01) |
| 10292 | 31151_2.R1084 | tfiis(HMM:1.9e-14) |
| 10293 | uC-osflcyp081e09b1 | tfiis(HMM:3.3e-12) |
| 10294 | 8460_1.R1084 | tfiis(HMM:4.2e-07) |
| 10295 | 32881_1.R1084 | transcript_fac2(HMM:9e-23) |
| 10296 | uC-osroM202008e08a1 | trihelix(HMM:0.0037) |
| 10297 | 43338_1.R1084 | trihelix(HMM:2.2e-55) |
| 10298 | uC-osflm202102e01b1 | trihelix(HMM:2e-05) |
| 10299 | LIB3475-004-P1-K2-E8 | trihelix(HMM:4.8) |
| 10300 | LIB3433-042-P1-K1-H2 | wrky(HMM:0.00011) |
| 10301 | uC-osflcyp011c08b1 | wrky(HMM:0.00019) |
| 10302 | g2800851 | wrky(HMM:0.00025) |
| 10303 | 72918_1.R1084 | wrky(HMM:0.00059) |
| 10304 | g2798493 | wrky(HMM:0.0017) |
| 10305 | g2800142 | wrky(HMM:0.0017) |
| 10306 | LIB3431-016-P1-K1-D12 | wrky(HMM:0.0018) |
| 10307 | 14435_1.R1084 | wrky(HMM:0.18) |
| 10308 | uC-osrocyp012c07b1 | wrky(HMM:0.18) |
| 10309 | LIB3432-039-P1-K1-E2 | wrky(HMM:1.1e-12) |
| 10310 | LIB3431-050-P1-K1-E10 | wrky(HMM:1.5) |
| 10311 | uC-osflcyp101b09b1 | wrky(HMM:1.5) |
| 10312 | 60508_1.R1084 | wrky(HMM:1.7e-18) |
| 10313 | g3608507 | wrky(HMM:1e-34) |
| 10314 | LIB3434-014-P1-K1-E4 | wrky(HMM:2.9e-40) |
| 10315 | uC-osroM202020e10b1 | wrky(HMM:3.6e-30) |
| 10316 | LIB3431-058-P1-K1-A3 | wrky(HMM:3.7) |
| 10317 | 1072_1.R1084 | wrky(HMM:3.7e-77) |
| 10318 | LIB3432-012-P1-K1-F1 | wrky(HMM:3e-44) |
| 10319 | 26004_1.R1084 | wrky(HMM:4.1e-15) |
| 10320 | g5455512 | wrky(HMM:4.5e-23) |
| 10321 | g4715891 | wrky(HMM:5.4e-12) |
| 10322 | g5038691 | wrky(HMM:5.5e-15) |
| 10323 | 60965_1.R1084 | wrky(HMM:5.9e-14) |
| 10324 | uC-osflM202091c10b1 | wrky(HMM:7.3e-12) |
| 10325 | 54054_1.R1084 | wrky(HMM:7e-40) |
| 10326 | 24687_1.R1084 | wrky(HMM:9.5e-07) |
| 10327 | 48654_1.R1084 | "zf-b_box(HMM:0.0044),zf-constans(HMM:6e-28)" |
| 10328 | 6_1.R1084 | "zf-b_box(HMM:0.0085),zf-constans(HMM:1.6e-19)" |
| 10329 | 7_1.R1084 | "zf-b_box(HMM:0.013),zf-constans(HMM:2e-40)" |
| 10330 | 5_1.R1084 | "zf-b_box(HMM:0.049),zf-constans(HMM:1.4e-39)" |
| 10331 | 2_1.R1084 | "zf-b_box(HMM:0.057),zf-constans(HMM:8.2e-39)" |
| 10332 | 3_1.R1084 | "zf-b_box(HMM:6.3e-05),zf- |

| | | |
|-------|-----------------------|------------------------|
| 10333 | 52914_1.R1084 | constans(HMM:4.5e-42)" |
| 10334 | g3760343 | zf-c2h2(HMM:0.00058) |
| 10335 | LIB3433-031-P1-K1-B4 | zf-c2h2(HMM:0.0011) |
| 10336 | 34727_1.R1084 | zf-c2h2(HMM:0.023) |
| 10337 | g5607479 | zf-c2h2(HMM:0.03) |
| 10338 | 45631_1.R1084 | zf-c2h2(HMM:0.041) |
| 10339 | uC-osroM202007h05b1 | zf-c2h2(HMM:1.3e-09) |
| 10340 | 16349_1.R1084 | zf-c2h2(HMM:1.3e-09) |
| 10341 | LIB3477-009-P1-K1-E9 | zf-c2h2(HMM:1.3e-10) |
| 10342 | 1503_1.R1084 | zf-c2h2(HMM:2.3e-05) |
| 10343 | g3760342 | zf-c2h2(HMM:4.8e-06) |
| 10344 | 16755_1.R1084 | zf-c2h2(HMM:5.9e-09) |
| 10345 | LIB3433-017-Q6-K1-C1 | zf-c3hc4(HMM:0.00015) |
| 10346 | g3767877 | zf-c3hc4(HMM:0.00022) |
| 10347 | uC-osflcyp120h01b1 | zf-c3hc4(HMM:0.00026) |
| 10348 | uC-osflcyp162h01b1 | zf-c3hc4(HMM:0.00091) |
| 10349 | LIB3432-023-P1-K1-D7 | zf-c3hc4(HMM:0.0012) |
| 10350 | g2309927 | zf-c3hc4(HMM:0.0016) |
| 10351 | uC-osflm202108h12b1 | zf-c3hc4(HMM:0.0017) |
| 10352 | g2309767 | zf-c3hc4(HMM:0.0021) |
| 10353 | 67501_1.R1084 | zf-c3hc4(HMM:0.0024) |
| 10354 | 22342_1.R1084 | zf-c3hc4(HMM:0.0027) |
| 10355 | 22156_1.R1084 | zf-c3hc4(HMM:0.0033) |
| 10356 | LIB3431-048-P1-N1-C5 | zf-c3hc4(HMM:0.0036) |
| 10357 | 52198_1.R1084 | zf-c3hc4(HMM:0.0038) |
| 10358 | g2429020 | zf-c3hc4(HMM:0.0042) |
| 10359 | uC-osflm202066e03b1 | zf-c3hc4(HMM:0.0042) |
| 10360 | LIB3432-009-P1-K1-C1 | zf-c3hc4(HMM:0.0044) |
| 10361 | LIB3431-038-P1-K1-C11 | zf-c3hc4(HMM:0.0047) |
| 10362 | LIB3431-024-P1-N1-G12 | zf-c3hc4(HMM:0.0049) |
| 10363 | uC-osflcyp017e04b1 | zf-c3hc4(HMM:0.0052) |
| 10364 | 76997_1.R1084 | zf-c3hc4(HMM:0.0061) |
| 10365 | uC-osflcyp170d03b1 | zf-c3hc4(HMM:0.0092) |
| 10366 | 47632_1.R1084 | zf-c3hc4(HMM:0.013) |
| 10367 | g4715309 | zf-c3hc4(HMM:0.015) |
| 10368 | 18509_1.R1084 | zf-c3hc4(HMM:0.015) |
| 10369 | 18890_1.R1084 | zf-c3hc4(HMM:0.019) |
| 10370 | LIB3434-055-P1-K1-B3 | zf-c3hc4(HMM:0.019) |
| 10371 | 20000_1.R1084 | zf-c3hc4(HMM:0.021) |
| 10372 | g286281 | zf-c3hc4(HMM:0.027) |
| 10373 | g3760607 | zf-c3hc4(HMM:0.027) |
| 10374 | g4968908 | zf-c3hc4(HMM:0.027) |
| 10375 | 87838_1.R1084 | zf-c3hc4(HMM:0.038) |
| 10376 | uC-osflcyp050c09a1 | zf-c3hc4(HMM:0.072) |
| 10377 | uC-osroM202027a06a1 | zf-c3hc4(HMM:0.072) |
| 10378 | uC-osflcyp174e03b1 | zf-c3hc4(HMM:0.072) |
| 10379 | 14933_1.R1084 | zf-c3hc4(HMM:0.095) |
| 10380 | 14933_2.R1084 | zf-c3hc4(HMM:0.18) |
| 10381 | uC-osflcyp115d03a1 | zf-c3hc4(HMM:0.18) |
| 10382 | LIB3477-007-P1-K1-E7 | zf-c3hc4(HMM:0.47) |
| 10383 | 47459_1.R1084 | zf-c3hc4(HMM:1.1e-08) |
| 10384 | 12231_1.R1084 | zf-c3hc4(HMM:1.1e-09) |
| 10385 | uC-osflcyp009g02b1 | zf-c3hc4(HMM:1.2e-06) |

1499_1.R1084
g2427787
LIB3433-022-P1-K1-G8
g2312701
11646_1.R1084
uC-osrocyp003g03a1
15093_1.R1084
54088_1.R1084
20240_1.R1084
LIB3433-011-Q6-K1-F4
20366_1.R1084
uC-osrocyp003g06a1
g2311727
53008_1.R1084
35244_1.R1084
4677_1.R1084
16612_1.R1084
18218_1.R1084
3841_1.R1084
78518_1.R1084
16696_2.R1084
11602_1.R1084
g428862
LIB3434-017-P1-K1-A10
2624_1.R1084
uC-osrocyp036f12b1
21895_1.R1084
uC-osrocyp036f02b1
43821_1.R1084
g4878432
29823_1.R1084
2844_1.R1084
uC-osrocyp008g04a1
71198_1.R1084
924_1.R1084
19029_1.R1084
20812_1.R1084
3244_1.R1084
uC-osf1M202061g07b1
25531_1.R1084
25531_2.R1084
21411_1.R1084
LIB3474-003-P1-K1-G2
g4969130
g2801257
uC-osroM202029c04b1
51042_1.R1084
14796_1.R1084
964_1.R1084
965_1.R1084
g1631940
LIB3431-024-P1-K1-G12
51043_1.R1084
32357_1.R1084

zf-c3hc4(HMM:1.2e-08)
zf-c3hc4(HMM:1.2e-09)
zf-c3hc4(HMM:1.3e-07)
zf-c3hc4(HMM:1.3e-08)
zf-c3hc4(HMM:1.4)
zf-c3hc4(HMM:1.4)
zf-c3hc4(HMM:1.5)
zf-c3hc4(HMM:1.7e-07)
zf-c3hc4(HMM:1.7e-12)
zf-c3hc4(HMM:1.7e-12)
zf-c3hc4(HMM:1.8e-10)
zf-c3hc4(HMM:1e-09)
zf-c3hc4(HMM:2.4e-11)
zf-c3hc4(HMM:2.5e-08)
zf-c3hc4(HMM:2.6e-07)
zf-c3hc4(HMM:2.8e-10)
zf-c3hc4(HMM:2.9e-11)
zf-c3hc4(HMM:2e-10)
zf-c3hc4(HMM:2e-12)
zf-c3hc4(HMM:3.4e-08)
zf-c3hc4(HMM:3.5e-09)
zf-c3hc4(HMM:3.6e-06)
zf-c3hc4(HMM:3.6e-07)
zf-c3hc4(HMM:3.6e-08)
zf-c3hc4(HMM:3.8e-06)
zf-c3hc4(HMM:3.8e-10)
zf-c3hc4(HMM:3.8e-11)
zf-c3hc4(HMM:4.1e-10)
zf-c3hc4(HMM:4.4e-11)
zf-c3hc4(HMM:4.6e-10)
zf-c3hc4(HMM:4.8e-06)
zf-c3hc4(HMM:4.9e-10)
zf-c3hc4(HMM:5e-05)
zf-c3hc4(HMM:5e-11)
zf-c3hc4(HMM:6.4e-10)
zf-c3hc4(HMM:7.4e-07)
zf-c3hc4(HMM:7e-05)
zf-c3hc4(HMM:8.2e-09)
zf-c3hc4(HMM:8.5e-12)
zf-c3hc4(HMM:9.6e-08)
zf-c3hc4(HMM:9.6e-08)
zf-c3hc4(HMM:9.8e-05)
zf-c3hc4(HMM:9.9e-09)
zf-ccch(HMM:0.00027)
zf-ccch(HMM:0.00029)
zf-ccch(HMM:0.0051)
zf-ccch(HMM:0.086)
zf-ccch(HMM:0.2)
zf-ccch(HMM:1.4e-08)
zf-ccch(HMM:1.7e-08)
zf-ccch(HMM:3.7e-06)
zf-ccch(HMM:3.9e-10)
zf-ccch(HMM:4.4e-09)
zf-ccch(HMM:5.1e-09)

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| 10440 | g2428543 | zf-ccch(HMM:6.7e-09) |
| 10441 | LIB3474-006-P1-K1-A5 | zf-cchc(HMM:0.0001) |
| 10442 | uC-osfIM202020g01b1 | zf-cchc(HMM:0.00062) |
| 10443 | 5084_1.R1084 | zf-cchc(HMM:0.0047) |
| 10444 | 62211_1.R1084 | zf-cchc(HMM:0.015) |
| 10445 | 101595_1.R1084 | zf-cchc(HMM:1.1e-05) |
| 10446 | g286337 | zf-cchc(HMM:1.3e-05) |
| 10447 | 37716_1.R1084 | zf-cchc(HMM:1.6e-19) |
| 10448 | LIB3434-029-P1-K1-D7 | zf-cchc(HMM:1.8e-22) |
| 10449 | 21958_1.R1084 | zf-cchc(HMM:2.1e-16) |
| 10450 | 3851_1.R1084 | zf-cchc(HMM:2.2e-10) |
| 10451 | g2311551 | zf-cchc(HMM:2e-06) |
| 10452 | g286705 | zf-cchc(HMM:3.1e-05) |
| 10453 | 3770_1.R1084 | zf-cchc(HMM:3.4e-05) |
| 10454 | g2800841 | zf-cchc(HMM:3.7e-11) |
| 10455 | 24304_1.R1084 | zf-cchc(HMM:4.7e-28) |
| 10456 | LIB3433-037-P1-K1-F2 | zf-cchc(HMM:5.6e-05) |
| 10457 | 7792_1.R1084 | zf-cchc(HMM:6.7e-05) |
| 10458 | LIB3599-001-P1-K6-H9 | zf-cchc(HMM:6.8e-06) |
| 10459 | uC-osflcyp173f05b1 | zf-cchc(HMM:7.7e-06) |
| 10460 | LIB3432-017-P1-K1-C3 | zf-cchc(HMM:9.5e-06) |
| 10461 | uC-osflcyp173f04b1 | zf-constans(HMM:0.48) |
| 10462 | LIB3474-001-P1-K1-C3 | zf-constans(HMM:1.3e-12) |
| 10463 | 2_2.R1084 | zf-constans(HMM:2.3e-39) |
| 10464 | 1_1.R1084 | zf-constans(HMM:2.5e-28) |
| 10465 | LIB3474-003-P1-K1-B7 | zf-constans(HMM:3.5e-15) |
| 10466 | LIB3433-026-P1-K1-D1 | zf-constans(HMM:4.5e-18) |
| 10467 | 2_4.R1084 | zf-constans(HMM:6.7e-37) |
| 10468 | uC-osroM202022c01b1 | zf-mynd(HMM:0.0038) |
| 10469 | LIB3434-065-P1-K1-B5 | zf-mynd(HMM:0.029) |
| 10470 | LIB3431-021-P1-K1-B10 | zf-mynd(HMM:2.9e-11) |
| 10471 | g2428360 | zf-mynd(HMM:4.2e-11) |
| 10472 | 14089_1.R1084 | zz(HMM:0.011) |
| 10473 | 27898_1.R1084 | zz(HMM:0.078) |
| 10474 | 10968_1.R1084 | zz(HMM:2.5e-05) |

Table 8. Nucleic acid sequences encoding transcription factors from soy.

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|-----------------------|--|
| 10475 | LIB3170-033-Q1-K1-B1 | 14-3-3(HMM:0.00015) |
| 10476 | LIB3170-001-Q1-K1-C8 | 14-3-3(HMM:0.00018) |
| 10477 | LIB3106-074-Q1-K1-A6 | 14-3-3(HMM:0.00042),hmg_box(HMM:6.1e-16) |
| 10478 | LIB3093-015-Q1-K2-C6 | 14-3-3(HMM:0.00048) |
| 10479 | ncj700977467.h1 | 14-3-3(HMM:0.0022) |
| 10480 | 391_2.R1040 | 14-3-3(HMM:0.0023) |
| 10481 | LIB3040-008-Q1-E1-D4 | 14-3-3(HMM:0.0024) |
| 10482 | LIB3139-012-P1-N1-A2 | 14-3-3(HMM:0.042) |
| 10483 | LIB3094-060-Q1-K1-E2 | 14-3-3(HMM:0.047) |
| 10484 | 488_2.R1040 | 14-3-3(HMM:0.14) |
| 10485 | gsv701044857.h1 | 14-3-3(HMM:1.1e-21) |
| 10486 | LIB3092-003-Q1-K1-G11 | 14-3-3(HMM:1.1e-31) |
| 10487 | jC-gmst02400020g07a1 | 14-3-3(HMM:1.2e-05) |
| 10488 | pmv700891610.h1 | 14-3-3(HMM:1.2e-14) |
| 10489 | g5688049 | 14-3-3(HMM:1.3) |
| 10490 | 1352_6.R1040 | 14-3-3(HMM:1.5e-05) |
| 10491 | leu701149301.h1 | 14-3-3(HMM:1.5e-05) |
| 10492 | LIB3094-060-Q1-K1-D9 | 14-3-3(HMM:1.5e-07) |
| 10493 | LIB3051-101-Q1-K1-B10 | 14-3-3(HMM:1.5e-11) |
| 10494 | 1352_13.R1040 | 14-3-3(HMM:1.5e-15) |
| 10495 | g4396037 | 14-3-3(HMM:1.5e-18) |
| 10496 | hyd700730549.h1 | 14-3-3(HMM:1.6e-11) |
| 10497 | 488_1.R1040 | 14-3-3(HMM:1.6e-115) |
| 10498 | jex700908750.h1 | 14-3-3(HMM:1.6e-13) |
| 10499 | 1352_1.R1040 | 14-3-3(HMM:1.6e-81) |
| 10500 | fC-gmst700661063a3 | 14-3-3(HMM:1.7e-06) |
| 10501 | LIB3092-034-Q1-K1-F9 | 14-3-3(HMM:1.7e-07) |
| 10502 | LIB3094-072-Q1-K1-C6 | 14-3-3(HMM:1.7e-24) |
| 10503 | LIB3028-005-Q1-B1-B10 | 14-3-3(HMM:1e-22) |
| 10504 | LIB3106-054-Q1-K1-A4 | 14-3-3(HMM:2.1e-09) |
| 10505 | wvk700681984.h1 | 14-3-3(HMM:2.2e-07) |
| 10506 | uC-gmflminsoy100a11b1 | 14-3-3(HMM:2e-16) |
| 10507 | seb700654252.h1 | 14-3-3(HMM:2e-23) |
| 10508 | hrw701063321.h1 | 14-3-3(HMM:2e-26) |
| 10509 | vwf700673717.h1 | 14-3-3(HMM:3.1e-06) |
| 10510 | LIB3094-073-Q1-K1-C4 | 14-3-3(HMM:3.1e-10) |
| 10511 | vzy700755182.h1 | 14-3-3(HMM:3.1e-24) |
| 10512 | leu701148161.h1 | 14-3-3(HMM:3.4e-09) |
| 10513 | vzy700754077.h1 | 14-3-3(HMM:3.4e-10) |
| 10514 | zsg701123836.h1 | 14-3-3(HMM:3.4e-16) |
| 10515 | uaw700666294.h1 | 14-3-3(HMM:3.5e-37) |
| 10516 | 213_7.R1040 | 14-3-3(HMM:3.9e-46) |
| 10517 | LIB3040-061-Q1-E1-D10 | 14-3-3(HMM:4.2e-06) |
| 10518 | gsv701053255.h1 | 14-3-3(HMM:4.2e-14) |
| 10519 | 391_1.R1040 | 14-3-3(HMM:4.2e-180) |
| 10520 | smc700748260.h1 | 14-3-3(HMM:4.2e-25) |
| 10521 | zhf700956003.h1 | 14-3-3(HMM:4.3) |
| 10522 | smc700746076.h1 | 14-3-3(HMM:4.4e-09) |
| 10523 | 213_5.R1040 | 14-3-3(HMM:4.4e-16) |
| 10524 | uC-gmropic018h09b1 | 14-3-3(HMM:5.4e-18) |

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| 10525 | g5753155 | 14-3-3(HMM:5.4e-32) |
| 10526 | pmv700889571.h1 | 14-3-3(HMM:5.7e-24) |
| 10527 | 1352_3.R1040 | 14-3-3(HMM:5.9e-08) |
| 10528 | seb700652419.h1 | 14-3-3(HMM:6.3e-11) |
| 10529 | asn701139613.h1 | 14-3-3(HMM:6.7e-20) |
| 10530 | jex700905495.h1 | 14-3-3(HMM:6.7e-20) |
| 10531 | 1352_4.R1040 | 14-3-3(HMM:6.8e-28) |
| 10532 | zsg701123883.h1 | 14-3-3(HMM:6e-15) |
| 10533 | 114137_1.R1040 | 14-3-3(HMM:6e-169) |
| 10534 | 1352_2.R1040 | 14-3-3(HMM:6e-181) |
| 10535 | wvk700681991.h1 | 14-3-3(HMM:7) |
| 10536 | LIB3051-099-Q1-K1-H7 | 14-3-3(HMM:7.3e-08) |
| 10537 | 9096_1.R1040 | 14-3-3(HMM:7.3e-170) |
| 10538 | ncj700981162.h1 | 14-3-3(HMM:7.5e-31) |
| 10539 | LIB3170-035-Q1-J1-B12 | 14-3-3(HMM:8.3e-10) |
| 10540 | 9096_2.R1040 | 14-3-3(HMM:8.7e-05) |
| 10541 | 486_1.R1040 | 14-3-3(HMM:8.7e-168) |
| 10542 | smc700744868.h1 | 14-3-3(HMM:9.4e-28) |
| 10543 | LIB3139-116-P1-N1-E7 | 14-3-3(HMM:9.5e-09) |
| 10544 | 141047_1.R1040 | ank(HMM:0.00012) |
| 10545 | 102151_2.R1040 | ank(HMM:0.00016) |
| 10546 | uC-gmrominsoy300g05b1 | ank(HMM:0.00016) |
| 10547 | 18623_1.R1040 | ank(HMM:0.0002) |
| 10548 | LIB3138-060-Q1-N1-C7 | ank(HMM:0.00049) |
| 10549 | uC-gmrominsoy285e09b1 | ank(HMM:0.00071) |
| 10550 | jC-gmfl02220050f11a1 | ank(HMM:0.0018) |
| 10551 | jC-gmle01810005e06a1 | ank(HMM:0.0021) |
| 10552 | uaw700663354.h1 | ank(HMM:0.0023) |
| 10553 | jC-gmfl02220096f06a1 | ank(HMM:0.0032) |
| 10554 | 134733_1.R1040 | ank(HMM:0.0038) |
| 10555 | 21198_3.R1040 | ank(HMM:0.0041) |
| 10556 | 302893_1.R1040 | ank(HMM:0.0064) |
| 10557 | 28488_2.R1040 | ank(HMM:0.0067) |
| 10558 | gsv701055674.h1 | ank(HMM:0.0068) |
| 10559 | jC-gmle01810019e09a2 | ank(HMM:0.0081) |
| 10560 | 30321_1.R1040 | ank(HMM:0.01) |
| 10561 | ncj700981286.h1 | ank(HMM:0.01) |
| 10562 | 148879_1.R1040 | ank(HMM:0.011) |
| 10563 | 49849_1.R1040 | ank(HMM:0.02) |
| 10564 | 7164_1.R1040 | ank(HMM:0.026) |
| 10565 | zsp700832793.h1 | ank(HMM:0.045) |
| 10566 | 64556_1.R1040 | ank(HMM:0.051) |
| 10567 | 57853_1.R1040 | ank(HMM:0.052) |
| 10568 | uC-gmropic087g02b1 | ank(HMM:0.052) |
| 10569 | LIB3092-062-Q1-K1-D4 | ank(HMM:0.1) |
| 10570 | sat701005372.h1 | ank(HMM:0.11) |
| 10571 | 811_2.R1040 | ank(HMM:0.23) |
| 10572 | zhf700955213.h1 | ank(HMM:1.1e-09) |
| 10573 | 315019_1.R1040 | ank(HMM:1.2e-06) |
| 10574 | 42377_1.R1040 | ank(HMM:1.2e-20) |
| 10575 | 98958_1.R1040 | ank(HMM:1.3e-06) |
| 10576 | 27213_1.R1040 | ank(HMM:1.3e-17) |
| 10577 | 56964_1.R1040 | ank(HMM:1.3e-34) |
| 10578 | 112209_1.R1040 | ank(HMM:1.4e-07) |

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| 10579 | asn701143257.h1 | ank(HMM:1.4e-13) |
| 10580 | LIB3028-009-Q1-B1-A6 | ank(HMM:1.5e-09) |
| 10581 | 258910_1.R1040 | ank(HMM:1.5e-14) |
| 10582 | 21198_1.R1040 | ank(HMM:1.6e-05) |
| 10583 | 249570_1.R1040 | ank(HMM:1.6e-05) |
| 10584 | 212569_1.R1040 | ank(HMM:1.7e-06) |
| 10585 | uC-gmropic061c09b1 | ank(HMM:1.8e-15) |
| 10586 | 154634_1.R1040 | ank(HMM:1.9e-05) |
| 10587 | 290_1.R1040 | ank(HMM:1.9e-48) |
| 10588 | LIB3087-005-Q1-K1-G2 | ank(HMM:1e-06) |
| 10589 | 154822_1.R1040 | ank(HMM:2.1e-06) |
| 10590 | 1833_1.R1040 | ank(HMM:2.2e-22) |
| 10591 | awf700838909.h1 | ank(HMM:2.3e-06) |
| 10592 | 3923_1.R1040 | ank(HMM:2.3e-11) |
| 10593 | uxk700672139.h1 | ank(HMM:2.4e-07) |
| 10594 | 1952_3.R1040 | ank(HMM:2.5e-17) |
| 10595 | 180315_1.R1040 | ank(HMM:2.6e-35) |
| 10596 | 295073_1.R1040 | ank(HMM:2.8e-16) |
| 10597 | 4046_1.R1040 | ank(HMM:2.9e-11) |
| 10598 | 185318_1.R1040 | ank(HMM:2.9e-21) |
| 10599 | 102151_1.R1040 | ank(HMM:3.1e-41) |
| 10600 | 27610_1.R1040 | ank(HMM:3.4e-06) |
| 10601 | 155560_2.R1040 | ank(HMM:3.5e-15) |
| 10602 | 192508_1.R1040 | ank(HMM:3.8e-06) |
| 10603 | 10902_1.R1040 | ank(HMM:3.8e-08) |
| 10604 | 27872_1.R1040 | ank(HMM:3.9e-20) |
| 10605 | 4595_1.R1040 | ank(HMM:4.2e-08) |
| 10606 | LIB3109-053-Q1-K1-B5 | ank(HMM:4.4e-15) |
| 10607 | 28488_1.R1040 | ank(HMM:4.7e-08) |
| 10608 | 161435_1.R1040 | ank(HMM:4.9e-25) |
| 10609 | zhf700960775.h1 | ank(HMM:5.4) |
| 10610 | zsg701121545.h1 | ank(HMM:5.4e-10) |
| 10611 | 42557_1.R1040 | ank(HMM:5e-11) |
| 10612 | LIB3107-079-Q1-K1-F6 | ank(HMM:6.6e-15) |
| 10613 | 152077_1.R1040 | ank(HMM:6.7e-10) |
| 10614 | LIB3170-059-Q1-J1-C12 | ank(HMM:6.8e-08) |
| 10615 | 88515_1.R1040 | ank(HMM:6.8e-19) |
| 10616 | 1952_2.R1040 | ank(HMM:6.8e-43) |
| 10617 | 811_1.R1040 | ank(HMM:6.9e-12) |
| 10618 | 64539_1.R1040 | ank(HMM:7.2e-11) |
| 10619 | 49612_1.R1040 | ank(HMM:7.8e-15) |
| 10620 | 107998_1.R1040 | ank(HMM:8.5e-14) |
| 10621 | rca700996114.h1 | ank(HMM:8.6e-06) |
| 10622 | 42804_1.R1040 | ank(HMM:8.6e-07) |
| 10623 | rca700998932.h1 | ank(HMM:8.7e-12) |
| 10624 | 48688_1.R1040 | ank(HMM:8.8e-09) |
| 10625 | 2420_1.R1040 | ank(HMM:8.8e-16) |
| 10626 | 43163_1.R1040 | ank(HMM:9.3e-14) |
| 10627 | 29901_1.R1040 | "ank(HMM:9.7e-08),btb(HMM:0.0079)" |
| 10628 | 26379_1.R1040 | ank(HMM:9e-13) |
| 10629 | sat701013533.h1 | ap2-domain(HMM:0.00017) |
| 10630 | kll701208549.h1 | ap2-domain(HMM:0.00036) |
| 10631 | 66501_1.R1040 | ap2-domain(HMM:0.00041) |

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| 10632 | 192611_1.R1040 | ap2-domain(HMM:0.00088) |
| 10633 | LIB3050-019-Q1-K1-B5 | ap2-domain(HMM:0.0022) |
| 10634 | 25945_1.R1040 | ap2-domain(HMM:0.0025) |
| 10635 | jC-gmfl02220072c03a1 | ap2-domain(HMM:0.0031) |
| 10636 | zhf700963839.h1 | ap2-domain(HMM:0.0033) |
| 10637 | 11571_2.R1040 | ap2-domain(HMM:0.0042) |
| 10638 | 79348_2.R1040 | ap2-domain(HMM:0.0045) |
| 10639 | zpv700762317.h1 | ap2-domain(HMM:0.0056) |
| 10640 | uC-gmromins0y273c02b1 | ap2-domain(HMM:0.009) |
| 10641 | 1862_1.R1040 | ap2-domain(HMM:0.01) |
| 10642 | 296435_1.R1040 | ap2-domain(HMM:0.014) |
| 10643 | 47336_4.R1040 | ap2-domain(HMM:0.019) |
| 10644 | 38136_2.R1040 | ap2-domain(HMM:0.16) |
| 10645 | hyd700731193.h1 | ap2-domain(HMM:0.36) |
| 10646 | 326823_1.R1040 | ap2-domain(HMM:0.39) |
| 10647 | jex700904559.h1 | ap2-domain(HMM:0.39) |
| 10648 | 19313_2.R1040 | ap2-domain(HMM:0.44) |
| 10649 | 177074_1.R1040 | ap2-domain(HMM:0.8) |
| 10650 | 230382_1.R1040 | ap2-domain(HMM:0.88) |
| 10651 | smc700749507.h1 | ap2-domain(HMM:1.1) |
| 10652 | LIB3093-031-Q1-K1-D8 | ap2-domain(HMM:1.1e-08) |
| 10653 | 1_1.R1040 | ap2-domain(HMM:1.1e-42) |
| 10654 | 46661_1.R1040 | ap2-domain(HMM:1.1e-42) |
| 10655 | 69857_1.R1040 | ap2-domain(HMM:1.2e-16) |
| 10656 | 193678_1.R1040 | ap2-domain(HMM:1.2e-34) |
| 10657 | LIB3050-008-Q1-E1-F7 | ap2-domain(HMM:1.2e-38) |
| 10658 | 195824_1.R1040 | ap2-domain(HMM:1.3e-22) |
| 10659 | dpv701102158.h1 | ap2-domain(HMM:1.3e-25) |
| 10660 | 733_17.R1040 | ap2-domain(HMM:1.3e-37) |
| 10661 | 1495_1.R1040 | ap2-domain(HMM:1.3e-40) |
| 10662 | 19313_1.R1040 | ap2-domain(HMM:1.3e-41) |
| 10663 | 253_1.R1040 | ap2-domain(HMM:1.4e-36) |
| 10664 | 4947_1.R1040 | ap2-domain(HMM:1.4e-40) |
| 10665 | LIB3139-020-P1-N1-D12 | ap2-domain(HMM:1.5e-11) |
| 10666 | 4575_4.R1040 | ap2-domain(HMM:1.5e-27) |
| 10667 | LIB3055-004-Q1-N1-D2 | ap2-domain(HMM:1.5e-28) |
| 10668 | 1495_2.R1040 | ap2-domain(HMM:1.5e-40) |
| 10669 | kl1701207375.h1 | ap2-domain(HMM:1.6e-11) |
| 10670 | gsv701054134.h1 | ap2-domain(HMM:1.7e-18) |
| 10671 | 293335_1.R1040 | ap2-domain(HMM:1.7e-30) |
| 10672 | 18006_1.R1040 | ap2-domain(HMM:1.7e-37) |
| 10673 | 6007_1.R1040 | ap2-domain(HMM:1.7e-62) |
| 10674 | 213082_1.R1040 | ap2-domain(HMM:1.8e-30) |
| 10675 | 116814_1.R1040 | ap2-domain(HMM:1.8e-35) |
| 10676 | 50908_2.R1040 | ap2-domain(HMM:1.8e-38) |
| 10677 | 314831_1.R1040 | ap2-domain(HMM:1.9e-06) |
| 10678 | 31846_2.R1040 | ap2-domain(HMM:1.9e-34) |
| 10679 | LIB3106-046-Q1-K1-E9 | ap2-domain(HMM:1e-24) |
| 10680 | 38136_1.R1040 | "ap2-domain(HMM:1e-26),arf(HMM:0.0021),b3(HMM:1.5e-41)" |
| 10681 | 65229_1.R1040 | ap2-domain(HMM:2.1e-16) |
| 10682 | LIB3139-106-P1-N1-D11 | ap2-domain(HMM:2.1e-29) |
| 10683 | 63521_1.R1040 | ap2-domain(HMM:2.1e-34) |

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| 10829 | uC-gmropic034b09b1 | arf(HMM:3.9e-09) |
| 10830 | xzm700763862.h1 | arf(HMM:3e-07) |
| 10831 | ncj700981106.h1 | arf(HMM:4.3e-20) |
| 10832 | 218459_1.R1040 | arf(HMM:4.4e-13) |
| 10833 | 22209_1.R1040 | "arf(HMM:4.9),iaa(HMM:2.8e-36)" |
| 10834 | ek1700968235.h1 | "arf(HMM:4.9e-26),b3(HMM:0.29)" |
| 10835 | 16506_1.R1040 | arf(HMM:4e-05) |
| 10836 | gbt700548085.h1 | "arf(HMM:4e-22),b3(HMM:3.8e-11)" |
| 10837 | asn701132442.h1 | "arf(HMM:5),b3(HMM:0.018)" |
| 10838 | 63154_1.R1040 | arf(HMM:6.4e-20) |
| 10839 | 172453_1.R1040 | arf(HMM:6e-15) |
| 10840 | uC-gmrominsoy315f07b1 | arf(HMM:6e-23) |
| 10841 | uC-gmrominsoy313f09b1 | "arf(HMM:7.3e-05),b3(HMM:1.7e-28)" |
| 10842 | 65621_1.R1040 | "arf(HMM:7.3e-05),iaa(HMM:6.1e-36)" |
| 10843 | 135549_1.R1040 | arf(HMM:7.9e-17) |
| 10844 | jex700909695.h1 | arf(HMM:8.3e-23) |
| 10845 | 3784_1.R1040 | "arf(HMM:8.4e-93),b3(HMM:2.7e-23),iaa(HMM:1.4e-28)" |
| 10846 | g5509656 | arf(HMM:8.6e-09) |
| 10847 | LIB3109-001-Q1-K1-C2 | "arf(HMM:9.7e-15),b3(HMM:5.6e-25)" |
| 10848 | uxk700672851.h1 | arf(HMM:9.8e-08) |
| 10849 | 158599_1.R1040 | arf(HMM:9.8e-35) |
| 10850 | uC-gmronoir046b05b1 | "arf(HMM:9.9e-19),b3(HMM:1.8e-22)" |
| 10851 | wrg700786710.h2 | arid(HMM:0.00069) |
| 10852 | 223889_1.R1040 | arid(HMM:0.0081) |
| 10853 | 4845_1.R1040 | arid(HMM:0.011) |
| 10854 | 136619_1.R1040 | arid(HMM:2.2e-06) |
| 10855 | 136619_2.R1040 | arid(HMM:3.4) |
| 10856 | 214623_1.R1040 | arid(HMM:5.8e-11) |
| 10857 | 205088_1.R1040 | arid(HMM:8.6) |
| 10858 | ncj700982935.h1 | athook(HMM:0.023) |
| 10859 | g4437059 | athook(HMM:0.029) |
| 10860 | 332814_1.R1040 | b3(HMM:0.00013) |
| 10861 | 299404_1.R1040 | b3(HMM:1.7e-64) |
| 10862 | uxk700668877.h1 | b3(HMM:2.1e-07) |
| 10863 | 120032_1.R1040 | b3(HMM:3.7e-66) |
| 10864 | zvp700764284.h1 | b3(HMM:3e-13) |
| 10865 | txt700737102.h1 | b3(HMM:5.1e-08) |
| 10866 | 24842_1.R1040 | bah(HMM:0.00022) |
| 10867 | epx701103702.h1 | bah(HMM:0.00037) |
| 10868 | 43673_2.R1040 | bah(HMM:0.002) |
| 10869 | kl1701203247.h1 | bah(HMM:1.1e-07) |
| 10870 | 4392_1.R1040 | "bah(HMM:1.1e-39),phd(HMM:2.5e-05)" |
| 10871 | 358918_1.R1040 | bah(HMM:1.3e-07) |
| 10872 | 59235_1.R1040 | "bah(HMM:1.7e- |

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| 10873 | jC-gmfl02220061f06a1 | 38),phd(HMM:5.7e-12)" |
| 10874 | 137966_1.R1040 | bah(HMM:1.9e-14) |
| 10875 | 23398_1.R1040 | bah(HMM:2.4e-10) |
| 10876 | 43673_1.R1040 | bah(HMM:5.5e-23) |
| 10877 | LIB3051-009-Q1-E1-A6 | bah(HMM:7.6e-23) |
| 10878 | pxt700944554.h1 | bpf-1(HMM:0.0039) |
| 10879 | 322857_1.R1040 | bpf-1(HMM:1.5e-14) |
| 10880 | jC-gmfl02220071d10a1 | bpf-1(HMM:2.2e-15) |
| 10881 | 94407_1.R1040 | bpf-1(HMM:2.2e-20) |
| 10882 | eep700865834.h1 | bpf-1(HMM:2.3e-13) |
| 10883 | kl1701213520.h1 | bpf-1(HMM:2e-16) |
| 10884 | jC-gmro02910008g09a1 | bpf-1(HMM:2e-49) |
| 10885 | 149339_1.R1040 | bpf-1(HMM:2e-53) |
| 10886 | 2577_1.R1040 | bpf-1(HMM:3.2e-16) |
| 10887 | 47866_1.R1040 | bpf-1(HMM:3e-101) |
| | | "bpf-1(HMM:4.8e-09),myb_dna- |
| | | binding(HMM:0.045)" |
| 10888 | 27100_1.R1040 | bpf-1(HMM:5.3e-05) |
| 10889 | 27754_1.R1040 | bpf-1(HMM:5.6e-06) |
| 10890 | hrw701063373.h1 | bpf-1(HMM:6.6e-14) |
| 10891 | 26870_1.R1040 | bpf-1(HMM:6.7e-06) |
| 10892 | 250806_1.R1040 | bromodomain(HMM:0.00042) |
| 10893 | sat701014987.h1 | bromodomain(HMM:0.002) |
| 10894 | fua701039095.h1 | bromodomain(HMM:0.0044) |
| 10895 | 6361_1.R1040 | bromodomain(HMM:0.0047) |
| 10896 | jC-gmst02400067f07d1 | bromodomain(HMM:0.078) |
| 10897 | pcp700992681.h1 | bromodomain(HMM:0.14) |
| 10898 | LIB3051-084-Q1-K1-H7 | bromodomain(HMM:0.34) |
| 10899 | 46082_1.R1040 | bromodomain(HMM:1.3e-05) |
| 10900 | 5611_1.R1040 | bromodomain(HMM:2.2e-25) |
| 10901 | 19322_1.R1040 | bromodomain(HMM:2.5e-33) |
| 10902 | 330421_1.R1040 | bromodomain(HMM:2.8e-11) |
| 10903 | 32930_1.R1040 | bromodomain(HMM:2.9e-22) |
| 10904 | g4295717 | bromodomain(HMM:4.5e-20) |
| 10905 | jC-gmro02800033a08a1 | bromodomain(HMM:8.4) |
| 10906 | 121490_1.R1040 | bromodomain(HMM:9e-06) |
| 10907 | uC-gmropic106h11b1 | btb(HMM:0.00057) |
| 10908 | LIB3056-012-Q1-N1-E9 | btb(HMM:0.00069) |
| 10909 | 2639_1.R1040 | btb(HMM:0.00077) |
| 10910 | 71950_1.R1040 | btb(HMM:0.0016) |
| 10911 | kmv700742778.h1 | btb(HMM:0.0039) |
| 10912 | 15535_2.R1040 | btb(HMM:0.0055) |
| 10913 | 2639_3.R1040 | btb(HMM:0.0075) |
| 10914 | 2639_2.R1040 | btb(HMM:0.039) |
| 10915 | 21614_1.R1040 | btb(HMM:1.1e-32) |
| 10916 | 25562_2.R1040 | btb(HMM:1.2) |
| 10917 | 15236_2.R1040 | btb(HMM:1.4e-05) |
| 10918 | uC-gmflminsoy027c07b1 | btb(HMM:1.4e-06) |
| 10919 | 106512_1.R1040 | btb(HMM:2.3e-05) |
| 10920 | 149168_1.R1040 | btb(HMM:2.9e-09) |
| 10921 | 16847_1.R1040 | btb(HMM:2e-24) |
| 10922 | 15079_1.R1040 | btb(HMM:5.5e-28) |
| 10923 | 25562_1.R1040 | btb(HMM:7.7e-06) |
| 10924 | 141566_1.R1040 | btb(HMM:7.7e-10) |

20070_1.R1040
26649_1.R1040
24017_1.R1040
uC-gmrominsoy109d01b1
110559_1.R1040
27330_1.R1040
19593_2.R1040
94732_1.R1040
LIB3138-098-P1-N1-A1
LIB3138-098-P1-N1-A10
191779_1.R1040
70779_1.R1040
1411_1.R1040
4565_3.R1040
jC-gmro02800043g12a1
g5606705
70129_1.R1040
jC-gmro02910074b08a1
192532_1.R1040
LIB3093-019-Q1-K1-A6
LIB3056-014-Q1-N1-C12
173_1.R1040
LIB3093-004-Q1-K1-E9
LIB3039-017-Q1-E1-D3
1949_2.R1040
21475_1.R1040
epx701103732.h1
19593_1.R1040
leu701149088.h1
69_3.R1040
27563_1.R1040
g1905784_FL
1210_1.R1040
2271_1.R1040
545_1.R1040
545_2.R1040
21448_1.R1040
62449_1.R1040
20595_1.R1040
2085_2.R1040
2085_1.R1040
339670_1.R1040
2897_1.R1040
2271_2.R1040
g4303675
149_1.R1040
2085_3.R1040
758_5.R1040
618_1.R1040
seb700651877.h1
LIB3138-011-Q1-N1-D6
758_1.R1040
758_2.R1040
23329_1.R1040

btb(HMM:8.3e-27)
btb(HMM:9.2e-10)
btb(HMM:9.6e-21)
bzip(HMM:0.00015)
bzip(HMM:0.00069)
bzip(HMM:0.00099)
bzip(HMM:0.001)
bzip(HMM:0.0012)
bzip(HMM:0.0013)
bzip(HMM:0.0013)
bzip(HMM:0.0016)
bzip(HMM:0.0017)
bzip(HMM:0.0022)
bzip(HMM:0.0022)
bzip(HMM:0.0022)
bzip(HMM:0.0039)
bzip(HMM:0.0047)
bzip(HMM:0.025)
bzip(HMM:0.033)
bzip(HMM:0.059)
bzip(HMM:0.066)
bzip(HMM:0.074)
bzip(HMM:0.094)
bzip(HMM:0.17)
bzip(HMM:0.22)
bzip(HMM:0.91)
bzip(HMM:1.1)
bzip(HMM:1.1e-06)
bzip(HMM:1.3)
bzip(HMM:1.3e-22)
bzip(HMM:1.4e-13)
bzip(HMM:1.7e-19)
bzip(HMM:1.8e-11)
bzip(HMM:1.8e-19)
bzip(HMM:2.1e-21)
bzip(HMM:2.1e-21)
bzip(HMM:2.2e-14)
bzip(HMM:2.3e-14)
bzip(HMM:2.3e-15)
bzip(HMM:2.3e-16)
bzip(HMM:2.6e-16)
bzip(HMM:2.9e-14)
bzip(HMM:2e-09)
bzip(HMM:3.4e-10)
bzip(HMM:3.6e-07)
bzip(HMM:3.8e-11)
bzip(HMM:3.8e-14)
bzip(HMM:3e-05)
bzip(HMM:5.1e-07)
bzip(HMM:5.3e-11)
bzip(HMM:5.7e-08)
bzip(HMM:6.1e-17)
bzip(HMM:6.1e-17)
bzip(HMM:6.2e-06)

| | | |
|-------|-----------------------|-------------------|
| 11032 | 18615_4.R1040 | dof(HMM:2.4e-34) |
| 11033 | 18615_1.R1040 | dof(HMM:2.6e-36) |
| 11034 | 18615_3.R1040 | dof(HMM:2.6e-36) |
| 11035 | 250229_1.R1040 | dof(HMM:2.6e-36) |
| 11036 | LIB3093-022-Q1-K1-E8 | dof(HMM:2.6e-36) |
| 11037 | wvk700685541.h1 | dof(HMM:2.6e-36) |
| 11038 | 187882_1.R1040 | dof(HMM:2.7e-31) |
| 11039 | jC-gmfl02220146e12a1 | dof(HMM:2.9e-35) |
| 11040 | 32495_1.R1040 | dof(HMM:2e-26) |
| 11041 | 165353_1.R1040 | dof(HMM:3.1e-35) |
| 11042 | 327999_1.R1040 | dof(HMM:3.4e-11) |
| 11043 | kl1701212455.h1 | dof(HMM:3.6e-35) |
| 11044 | 107719_1.R1040 | dof(HMM:3.7) |
| 11045 | wvk700685338.h1 | dof(HMM:3.8e-35) |
| 11046 | 48315_1.R1040 | dof(HMM:3.8e-37) |
| 11047 | 65649_1.R1040 | dof(HMM:3.8e-37) |
| 11048 | 171388_1.R1040 | dof(HMM:3.9e-32) |
| 11049 | LIB3139-100-P1-N1-D12 | dof(HMM:6.3e-05) |
| 11050 | g4291469 | dof(HMM:6.5e-10) |
| 11051 | 192599_1.R1040 | dof(HMM:6.7e-37) |
| 11052 | uC-gmrominsoy244h03b1 | dof(HMM:7.3e-08) |
| 11053 | g5606389 | dof(HMM:7.4e-35) |
| 11054 | LIB3109-052-Q1-K1-B9 | dof(HMM:7.9e-34) |
| 11055 | xpa700794770.h1 | dpb(HMM:0.00025) |
| 11056 | zsg701117609.h1 | dpb(HMM:0.00033) |
| 11057 | LIB3051-032-Q1-K1-H11 | dpb(HMM:0.00037) |
| 11058 | g4276934 | dpb(HMM:0.0012) |
| 11059 | 130066_1.R1040 | dpb(HMM:1.1e-78) |
| 11060 | uxk700671307.h1 | dpb(HMM:1.2e-07) |
| 11061 | 1296_2.R1040 | dpb(HMM:1.3e-18) |
| 11062 | 2270_2.R1040 | dpb(HMM:1.8e-40) |
| 11063 | jC-gmfl02220065g11a1 | dpb(HMM:2e-07) |
| 11064 | 98902_1.R1040 | dpb(HMM:3e-05) |
| 11065 | 231881_1.R1040 | dpb(HMM:5.9e-17) |
| 11066 | 5042_1.R1040 | dpb(HMM:8.3e-77) |
| 11067 | awf700843332.h1 | dpb(HMM:9.7e-17) |
| 11068 | 19648_1.R1040 | enbp(HMM:0.0009) |
| 11069 | 19648_2.R1040 | enbp(HMM:0.0056) |
| 11070 | 192903_1.R1040 | enbp(HMM:0.17) |
| 11071 | 206874_1.R1040 | enbp(HMM:1.2e-15) |
| 11072 | g5057523 | enbp(HMM:1.2e-28) |
| 11073 | LIB3051-035-Q1-K1-F2 | enbp(HMM:1.3e-08) |
| 11074 | LIB3139-086-P1-N1-A7 | enbp(HMM:1.7e-09) |
| 11075 | 64865_2.R1040 | enbp(HMM:2.7e-59) |
| 11076 | LIB3051-022-Q1-K1-H5 | enbp(HMM:2e-10) |
| 11077 | 64865_3.R1040 | enbp(HMM:4.8e-05) |
| 11078 | LIB3055-002-Q1-B1-D12 | enbp(HMM:4e-24) |
| 11079 | 34604_1.R1040 | enbp(HMM:5.4e-07) |
| 11080 | crh700853030.h1 | enbp(HMM:6e-19) |
| 11081 | 105630_1.R1040 | enbp(HMM:9.8e-86) |
| 11082 | 179349_1.R1040 | gata(HMM:0.085) |
| 11083 | crh700852220.h1 | gata(HMM:0.38) |
| 11084 | jex700904885.h1 | gata(HMM:0.55) |
| 11085 | 72433_1.R1040 | gata(HMM:1.1) |

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|-------|-----------------------|---|
| 11086 | 99664_1.R1040 | gata(HMM:1.1e-14) |
| 11087 | 43595_1.R1040 | gata(HMM:1.2e-13) |
| 11088 | ncj700984309.h1 | gata(HMM:1.3) |
| 11089 | vwf700678225.h1 | gata(HMM:1.6e-06) |
| 11090 | 25969_2.R1040 | gata(HMM:1.7e-11) |
| 11091 | rca700999496.h1 | gata(HMM:2.2e-16) |
| 11092 | 33174_1.R1040 | gata(HMM:2.6e-09) |
| 11093 | 15086_1.R1040 | gata(HMM:2.9e-10) |
| 11094 | 43595_3.R1040 | gata(HMM:3.3e-12) |
| 11095 | 27769_3.R1040 | gata(HMM:3.7e-14) |
| 11096 | 264_1.R1040 | gata(HMM:4.4e-15) |
| 11097 | 81690_1.R1040 | gata(HMM:4.7e-15) |
| 11098 | 27769_2.R1040 | gata(HMM:4.8e-14) |
| 11099 | 25969_1.R1040 | gata(HMM:5.7e-16) |
| 11100 | 118539_1.R1040 | gata(HMM:7.5e-12) |
| 11101 | LIB3107-067-Q1-K1-B12 | gata(HMM:9.1e-13) |
| 11102 | 12730_2.R1040 | gld-tea(HMM:0.00012) |
| 11103 | 18378_1.R1040 | gld-tea(HMM:0.0006) |
| 11104 | LIB3093-014-Q1-K2-G4 | gld-tea(HMM:0.00087) |
| 11105 | 54671_1.R1040 | gld-tea(HMM:0.0014) |
| 11106 | 29924_2.R1040 | gld-tea(HMM:0.0043) |
| 11107 | 123635_1.R1040 | gld-tea(HMM:0.0059) |
| 11108 | LIB3139-043-P1-N1-G4 | gld-tea(HMM:0.024) |
| 11109 | LIB3092-044-Q1-K1-A2 | gld-tea(HMM:0.12) |
| 11110 | 67626_2.R1040 | gld-tea(HMM:0.15) |
| 11111 | pmv700894234.h1 | gld-tea(HMM:0.36) |
| 11112 | jC-gmro02910051d04a1 | gld-tea(HMM:0.59) |
| 11113 | jC-gmro02910037d06a1 | gld-tea(HMM:0.81) |
| 11114 | 64718_1.R1040 | gld-tea(HMM:1.2e-26) |
| 11115 | jex700909505.h1 | gld-tea(HMM:1.3e-12) |
| 11116 | 166976_1.R1040 | gld-tea(HMM:1.3e-41) |
| 11117 | LIB3138-033-Q1-N1-F9 | gld-tea(HMM:1.4e-29) |
| 11118 | jC-gmst02400061g07a1 | gld-tea(HMM:1.7e-39) |
| 11119 | 117488_1.R1040 | gld-tea(HMM:1.8e-37) |
| 11120 | 7634_1.R1040 | gld-tea(HMM:1.9e-21) |
| 11121 | 116969_1.R1040 | gld-tea(HMM:1e-09) |
| 11122 | 29924_1.R1040 | gld-tea(HMM:2.1e-30) |
| 11123 | smc700748756.h1 | gld-tea(HMM:2.2e-32) |
| 11124 | 148015_1.R1040 | gld-tea(HMM:2.3e-28) |
| 11125 | 33791_1.R1040 | gld-tea(HMM:2.3e-33) |
| 11126 | 33791_2.R1040 | gld-tea(HMM:2.3e-33) |
| 11127 | jC-gmro02800038h07a1 | gld-tea(HMM:2.4e-19) |
| 11128 | 70088_1.R1040 | gld-tea(HMM:2.9e-25) |
| 11129 | taw700657234.h1 | gld-tea(HMM:2e-31) |
| 11130 | sat701008362.h1 | gld-tea(HMM:3.2e-17) |
| 11131 | rlr700895420.h1 | gld-tea(HMM:3.4e-09) |
| 11132 | uaw700661263.h1 | gld-tea(HMM:3.6e-06) |
| 11133 | 68701_1.R1040 | "gld-tea(HMM:3.9e-12),response_reg(HMM:0.00012) |
| | | " |
| 11134 | LIB3139-043-P1-N1-G10 | gld-tea(HMM:4.7e-38) |
| 11135 | 12730_1.R1040 | gld-tea(HMM:5.1e-25) |
| 11136 | LIB3028-002-Q1-B1-G9 | gld-tea(HMM:5.2e-05) |
| 11137 | jC-gmle01810092f09a1 | gld-tea(HMM:5.2e-42) |

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|-------|-----------------------|----------------------|
| 11192 | LIB3053-009-Q1-N1-B6 | histone(HMM:1.2) |
| 11193 | LIB3049-030-Q1-E1-E8 | histone(HMM:1.2e-12) |
| 11194 | LIB3050-004-Q1-E1-A7 | histone(HMM:1.2e-12) |
| 11195 | 1313_4.R1040 | histone(HMM:1.2e-14) |
| 11196 | 7776_2.R1040 | histone(HMM:1.2e-28) |
| 11197 | 8806_1.R1040 | histone(HMM:1.2e-43) |
| 11198 | 5384_1.R1040 | histone(HMM:1.2e-48) |
| 11199 | 5384_4.R1040 | histone(HMM:1.2e-48) |
| 11200 | 5384_6.R1040 | histone(HMM:1.2e-48) |
| 11201 | 3239_3.R1040 | histone(HMM:1.2e-50) |
| 11202 | 3239_4.R1040 | histone(HMM:1.2e-50) |
| 11203 | LIB3093-050-Q1-K1-G7 | histone(HMM:1.3) |
| 11204 | LIB3106-049-Q1-K1-H12 | histone(HMM:1.3) |
| 11205 | jsh701064730.h1 | histone(HMM:1.3e-14) |
| 11206 | 11868_2.R1040 | histone(HMM:1.3e-31) |
| 11207 | LIB3073-018-Q1-K1-G7 | histone(HMM:1.4e-10) |
| 11208 | 5384_12.R1040 | histone(HMM:1.4e-15) |
| 11209 | pcp700994709.h1 | histone(HMM:1.5e-22) |
| 11210 | wrg700787362.h2 | histone(HMM:1.6e-05) |
| 11211 | uC-gmropic007g05b1 | histone(HMM:1.6e-07) |
| 11212 | 11868_3.R1040 | histone(HMM:1.6e-16) |
| 11213 | 9139_2.R1040 | histone(HMM:1.6e-46) |
| 11214 | 1793_10.R1040 | histone(HMM:1.7e-06) |
| 11215 | LIB3139-105-P1-N1-E2 | histone(HMM:1.7e-07) |
| 11216 | jC-gmro02910067f08d1 | histone(HMM:1.7e-07) |
| 11217 | 9050_4.R1040 | histone(HMM:1.7e-09) |
| 11218 | LIB3051-015-Q1-E1-H7 | histone(HMM:1.7e-09) |
| 11219 | kl1701212261.h1 | histone(HMM:1.7e-09) |
| 11220 | LIB3028-015-Q1-B1-D2 | histone(HMM:1.7e-10) |
| 11221 | gsv701050604.h1 | histone(HMM:1.7e-11) |
| 11222 | txt700732039.h1 | histone(HMM:1.7e-11) |
| 11223 | kl1701213472.h1 | histone(HMM:1.7e-17) |
| 11224 | LIB3051-041-Q1-K1-D12 | histone(HMM:1.8e-06) |
| 11225 | 3239_5.R1040 | histone(HMM:1.8e-49) |
| 11226 | 4964_2.R1040 | histone(HMM:1.9e-05) |
| 11227 | 1793_12.R1040 | histone(HMM:1.9e-18) |
| 11228 | 1793_15.R1040 | histone(HMM:1.9e-18) |
| 11229 | 1793_16.R1040 | histone(HMM:1.9e-18) |
| 11230 | 1793_5.R1040 | histone(HMM:1.9e-18) |
| 11231 | 1793_8.R1040 | histone(HMM:1.9e-18) |
| 11232 | 2548_2.R1040 | histone(HMM:1.9e-18) |
| 11233 | 2548_3.R1040 | histone(HMM:1.9e-18) |
| 11234 | 2548_4.R1040 | histone(HMM:1.9e-18) |
| 11235 | 2548_5.R1040 | histone(HMM:1.9e-18) |
| 11236 | 2548_6.R1040 | histone(HMM:1.9e-18) |
| 11237 | 4848_1.R1040 | histone(HMM:1.9e-18) |
| 11238 | 4921_1.R1040 | histone(HMM:1.9e-18) |
| 11239 | 8645_1.R1040 | histone(HMM:1.9e-18) |
| 11240 | uC-gmflminsoy022h10b1 | histone(HMM:1.9e-18) |
| 11241 | 1313_5.R1040 | histone(HMM:1e-26) |
| 11242 | 1612_1.R1040 | histone(HMM:1e-49) |
| 11243 | 8958_2.R1040 | histone(HMM:1e-49) |
| 11244 | LIB3170-009-Q1-J1-D10 | histone(HMM:2.1e-12) |
| 11245 | 9050_1.R1040 | histone(HMM:2.2e-50) |

138767_1.R1040
249237_1.R1040
g5058300
114950_1.R1040
9818_1.R1040
66406_1.R1040
19262_1.R1040
149817_1.R1040
77385_1.R1040
16111_1.R1040
82903_1.R1040
2169_1.R1040
2169_3.R1040
jC-gmfl02220102f12a1
19262_2.R1040
12143_1.R1040
29402_1.R1040
50777_1.R1040
59673_1.R1040
57030_1.R1040
48067_1.R1040
87706_1.R1040
238638_1.R1040
LIB3106-032-Q1-K1-B6
jC-gmfl02220081h06a1
12255_2.R1040
30853_1.R1040
46911_2.R1040
172245_1.R1040
1135_1.R1040
46923_1.R1040
41959_1.R1040
189248_1.R1040
227452_1.R1040
49549_1.R1040
33047_1.R1040
3777_1.R1040
gsv701046730.h1
LIB3039-005-Q1-E1-C6
LIB3170-085-Q1-K1-E4
LIB3092-004-Q1-K1-B5
pxt700943934.h1
380_4.R1040
LIB3049-042-Q1-E1-D6
fde700873131.h1
LIB3040-049-Q1-E1-C1
LIB3040-034-Q1-E1-A2
LIB3049-007-Q1-E1-D4
ssr700559324.h1
36191_1.R1040
kl1701210145.h1
380_1.R1040
fua701040918.h1
4101_1.R1040

hlh(HMM:2.2e-10)
hlh(HMM:2.5e-09)
hlh(HMM:2.5e-09)
hlh(HMM:2.5e-12)
hlh(HMM:2.6e-05)
hlh(HMM:2.6e-09)
hlh(HMM:2.8e-13)
hlh(HMM:3.8e-06)
hlh(HMM:3.8e-10)
hlh(HMM:3.9e-08)
hlh(HMM:4.1e-09)
hlh(HMM:4.2e-12)
hlh(HMM:4.2e-12)
hlh(HMM:4.2e-12)
hlh(HMM:4.2e-13)
hlh(HMM:4.3e-10)
hlh(HMM:4.5e-09)
hlh(HMM:4.5e-14)
hlh(HMM:4.7e-07)
hlh(HMM:4.8e-15)
hlh(HMM:4e-09)
hlh(HMM:4e-10)
hlh(HMM:4e-13)
hlh(HMM:5.3e-12)
hlh(HMM:6.4e-07)
hlh(HMM:6.6e-05)
hlh(HMM:7.8e-11)
hlh(HMM:8.4e-07)
hlh(HMM:8.5e-11)
hlh(HMM:9.6e-06)
hlh(HMM:9.7e-05)
hlh(HMM:9e-05)
hlh(HMM:9e-08)
hlh_e2f(0.0009)
hlh_e2f(8.2e-11)
hlh_e2f(8.3e-13)
hlh_e2f(8.7e-13)
hmg_box(HMM:0.00011)
hmg_box(HMM:0.00033)
hmg_box(HMM:0.001)
hmg_box(HMM:0.0041)
hmg_box(HMM:0.013)
hmg_box(HMM:0.034)
hmg_box(HMM:0.072)
hmg_box(HMM:0.27)
hmg_box(HMM:0.39)
hmg_box(HMM:0.61)
hmg_box(HMM:0.94)
hmg_box(HMM:1.2e-34)
hmg_box(HMM:1.3e-20)
hmg_box(HMM:1.4e-05)
hmg_box(HMM:1.4e-29)
hmg_box(HMM:1.8e-08)
hmg_box(HMM:2.2e-26)

| | | |
|-------|-----------------------|---|
| 11408 | zsg701129793.h1 | hmg_box(HMM:2.3) |
| 11409 | 90385_1.R1040 | hmg_box(HMM:2.4e-31) |
| 11410 | LIB3039-016-Q1-E1-A3 | hmg_box(HMM:2.5e-11) |
| 11411 | LIB3106-038-Q1-K1-C6 | hmg_box(HMM:2.5e-13) |
| 11412 | g5753699 | hmg_box(HMM:2e-30) |
| 11413 | zhf700952013.h1 | hmg_box(HMM:3.3e-11) |
| 11414 | LIB3051-063-Q1-K1-B11 | hmg_box(HMM:3.4e-25) |
| 11415 | 4802_1.R1040 | hmg_box(HMM:3.4e-31) |
| 11416 | 14608_2.R1040 | hmg_box(HMM:3.8e-17) |
| 11417 | 16850_1.R1040 | hmg_box(HMM:3.9e-29) |
| 11418 | jC-gmro02910041076a1 | hmg_box(HMM:4.8e-22) |
| 11419 | 14608_1.R1040 | hmg_box(HMM:5.2e-31) |
| 11420 | 4802_2.R1040 | hmg_box(HMM:5.9e-21) |
| 11421 | LIB3167-027-P1-K1-C1 | hmg_box(HMM:6.4e-22) |
| 11422 | 380_3.R1040 | hmg_box(HMM:6.5e-24) |
| 11423 | wvk700681408.h2 | hmg_box(HMM:7.3) |
| 11424 | LIB3040-017-Q1-E1-G12 | hmg_box(HMM:7.6) |
| 11425 | zsg701122328.h1 | hmg_box(HMM:8.2e-07) |
| 11426 | LIB3138-069-P1-N1-G10 | hmg_box(HMM:8.3e-12) |
| 11427 | LIB3087-001-Q1-K1-E10 | hmg_box(HMM:9e-14) |
| 11428 | kl1701212376.h1 | homeobox(HMM:0.0003) |
| 11429 | 556_1.R1040 | "homeobox(HMM:0.00041),homeobox_knox3(1.5e-34)" |
| 11430 | 5787_1.R1040 | "homeobox(HMM:0.0006),homeobox_knox3(1.5e-10)" |
| 11431 | sat701013785.h1 | "homeobox(HMM:0.00064),homeobox_knox3(8.4e-06)" |
| 11432 | 67987_1.R1040 | "homeobox(HMM:0.0035),homeobox_knox3(4.0e-37)" |
| 11433 | 31791_1.R1040 | "homeobox(HMM:0.0044),homeobox_knox3(1.4e-20),homeobox_mat(0.0010)" |
| 11434 | 220535_1.R1040 | "homeobox(HMM:0.0061),homeobox_knox3(2.2e-12)" |
| 11435 | 556_2.R1040 | "homeobox(HMM:0.0065),homeobox_knox3(1.5e-30)" |
| 11436 | 63316_1.R1040 | "homeobox(HMM:0.0076),homeobox_knox3(9.8e-13)" |
| 11437 | 46255_1.R1040 | "homeobox(HMM:0.0079),homeobox_knox3(9.5e-11)" |
| 11438 | 20275_1.R1040 | "homeobox(HMM:0.0087),homeobox_knox3(5.4e-12),homeobox_mat(0.0009)" |
| 11439 | 235281_1.R1040 | "homeobox(HMM:0.014),homeobox_knox3(4.8e-35)" |
| 11440 | 7598_1.R1040 | "homeobox(HMM:0.018),homeobox_knox3(1.1e-22)" |
| 11441 | 62496_1.R1040 | "homeobox(HMM:0.02),homeobox_knox3(5.6e-12)" |
| 11442 | 19335_1.R1040 | "homeobox(HMM:0.025),homeobox_knox3(3.7e-22)" |
| 11443 | 33403_1.R1040 | "homeobox(HMM:0.027),homeobox_knox3(7.7e-26)" |
| 11444 | 2593_1.R1040 | "homeobox(HMM:0.037),homeobox_knox3(1.1e-22)" |

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| 11445 | 46255_4.R1040 | box_knox3(3.7e-12)" |
| 11446 | jC-gmro02910047g01a1 | "homeobox(HMM:0.044),homeo |
| 11447 | 129751_1.R1040 | box_knox3(1.4e-10)" |
| | | homeobox(HMM:0.092) |
| 11448 | 7598_4.R1040 | "homeobox(HMM:0.12),homeob |
| | | ox_knox3(3.5e-09)" |
| 11449 | jC-gmro02800034b10a1 | "homeobox(HMM:0.2),homeobo |
| | | x_knox3(5.7e-19)" |
| 11450 | 138756_1.R1040 | "homeobox(HMM:0.24),homeob |
| 11451 | 47849_1.R1040 | ox_knox3(9.6e-19)" |
| 11452 | 237426_1.R1040 | homeobox(HMM:1) |
| 11453 | 13906_1.R1040 | homeobox(HMM:1.1e-20) |
| 11454 | 185679_1.R1040 | homeobox(HMM:1.2) |
| 11455 | 263611_1.R1040 | homeobox(HMM:1.2e-18) |
| 11456 | 354264_1.R1040 | homeobox(HMM:1.2e-18) |
| 11457 | 7481_1.R1040 | homeobox(HMM:1.3e-12) |
| 11458 | jC-gmle01810073f02d1 | homeobox(HMM:1.4e-15) |
| | | homeobox(HMM:1.5e-19) |
| 11459 | 75839_1.R1040 | "homeobox(HMM:1.7e- |
| | | 06),homeobox_knox3(1.4e-34)" |
| 11460 | 47852_1.R1040 | "homeobox(HMM:1.9),homeobo |
| | | x_knox3(4.2e-09)" |
| 11461 | 2297_1.R1040 | "homeobox(HMM:1.9e- |
| 11462 | LIB3093-015-Q1-K1-A9 | 08),phd(HMM:2.7e-12)" |
| 11463 | LIB3138-021-Q1-N1-B8 | homeobox(HMM:1e-19) |
| 11464 | 101833_1.R1040 | homeobox(HMM:1e-19) |
| 11465 | 733_21.R1040 | homeobox(HMM:1e-19) |
| 11466 | 126778_1.R1040 | homeobox(HMM:2.1) |
| 11467 | 120026_1.R1040 | homeobox(HMM:2.1e-17) |
| 11468 | LIB3139-040-P1-N1-D1 | homeobox(HMM:2.3e-15) |
| 11469 | 27738_1.R1040 | homeobox(HMM:2.4e-05) |
| 11470 | 2873_1.R1040 | homeobox(HMM:2.4e-19) |
| 11471 | LIB3138-093-Q1-N1-H6 | homeobox(HMM:2.9e-15) |
| 11472 | 84555_1.R1040 | homeobox(HMM:3.2e-19) |
| | | homeobox(HMM:3.2e-19) |
| 11473 | LIB3051-078-Q1-K1-G11 | "homeobox(HMM:3.4e- |
| 11474 | 464_1.R1040 | 05),homeobox_knox3(7.6e-32)" |
| 11475 | 6029_2.R1040 | homeobox(HMM:3.5e-16) |
| 11476 | 49928_1.R1040 | homeobox(HMM:3.6e-17) |
| 11477 | 10491_1.R1040 | homeobox(HMM:3.7e-10) |
| 11478 | 464_2.R1040 | homeobox(HMM:3.7e-15) |
| 11479 | jC-gmst02400054h07a1 | homeobox(HMM:3.9e-18) |
| 11480 | asn701136723.h1 | homeobox(HMM:4.2e-12) |
| 11481 | 2297_2.R1040 | homeobox(HMM:4.7e-16) |
| 11482 | 81815_1.R1040 | homeobox(HMM:4.9e-19) |
| 11483 | jC-gmro02910022c12d1 | homeobox(HMM:5.6e-19) |
| 11484 | 78625_1.R1040 | homeobox(HMM:6.7) |
| 11485 | 23796_1.R1040 | homeobox(HMM:6.8e-16) |
| 11486 | kll701205621.h1 | homeobox(HMM:6.9e-20) |
| 11487 | zhf700957441.h1 | homeobox(HMM:9.2e-18) |
| 11488 | 19335_2.R1040 | homeobox(HMM:9.6e-06) |
| 11489 | 384_3.R1040 | homeobox_knox3(5.7e-09) |
| | | homeobox_knox3(8.7e-10) |
| | | hsf_dna-bind(HMM:0.0028) |

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| 11598 | zsg701124726.h1 | iaa(HMM:8.9e-05) |
| 11599 | 523_3.R1040 | iaa(HMM:9.2e-11) |
| 11600 | 4055_1.R1040 | iaa(HMM:9.6e-11) |
| 11601 | 19644_1.R1040 | iaa(HMM:9.8e-62) |
| 11602 | 205244_1.R1040 | ibr(HMM:0.34) |
| 11603 | 58014_1.R1040 | ibr(HMM:1.3e-16) |
| 11604 | 25497_1.R1040 | "ibr(HMM:2.5e-08),zf- c3hc4(HMM:0.013)" |
| 11605 | 6965_2.R1040 | ibr(HMM:4.2e-20) |
| 11606 | 6965_3.R1040 | ibr(HMM:5.5e-13) |
| 11607 | 91156_1.R1040 | k-box(HMM:0.0036) |
| 11608 | kl1701206994.h1 | k-box(HMM:0.004) |
| 11609 | LIB3139-100-P1-N1-H10 | k-box(HMM:0.0044) |
| 11610 | 32643_1.R1040 | "k-box(HMM:0.0044),srf- tf(HMM:5.9e-36)" |
| 11611 | 233177_1.R1040 | k-box(HMM:0.0091) |
| 11612 | 244_1.R1040 | "k-box(HMM:0.013),srf- tf(HMM:6.5e-32)" |
| 11613 | LIB3050-012-Q1-E1-B4 | k-box(HMM:0.15) |
| 11614 | 1579_3.R1040 | "k-box(HMM:1.1e-31),srf- tf(HMM:3.8e-37)" |
| 11615 | 43586_2.R1040 | "k-box(HMM:1.2e-09),srf- tf(HMM:3.4e-36)" |
| 11616 | uC-gmflminsoy120d10b1 | k-box(HMM:1.5e-05) |
| 11617 | 128341_1.R1040 | "k-box(HMM:1.5e-07),srf- tf(HMM:1.2e-32)" |
| 11618 | 65324_1.R1040 | "k-box(HMM:1.6e-19),srf- tf(HMM:9.6e-35)" |
| 11619 | 257856_1.R1040 | k-box(HMM:1.9e-18) |
| 11620 | 180462_1.R1040 | "k-box(HMM:1e-06),srf- tf(HMM:1e-33)" |
| 11621 | 67995_1.R1040 | "k-box(HMM:1e-12),srf- tf(HMM:4.5e-38)" |
| 11622 | 35441_1.R1040 | "k-box(HMM:1e-21),srf- tf(HMM:7e-37)" |
| 11623 | 15187_1.R1040 | "k-box(HMM:2.1e-22),srf- tf(HMM:6.4e-37)" |
| 11624 | 43586_1.R1040 | "k-box(HMM:2.5e-18),srf- tf(HMM:2.6e-34)" |
| 11625 | 47988_1.R1040 | "k-box(HMM:2.6e-05),srf- tf(HMM:2.2e-32)" |
| 11626 | 63204_1.R1040 | "k-box(HMM:3.4e-12),srf- tf(HMM:6.1e-35)" |
| 11627 | 1576_1.R1040 | "k-box(HMM:3.5),srf- tf(HMM:4.3e-37)" |
| 11628 | hyd700728433.h1 | k-box(HMM:3.7e-18) |
| 11629 | 90218_1.R1040 | k-box(HMM:4.7e-07) |
| 11630 | 2453_1.R1040 | "k-box(HMM:5.3e-09),srf- tf(HMM:2.4e-35)" |
| 11631 | 15223_1.R1040 | "k-box(HMM:5.5e-15),srf- tf(HMM:9.4e-38)" |
| 11632 | xpa700793706.h1 | k-box(HMM:5.8e-23) |
| 11633 | 1575_1.R1040 | "k-box(HMM:5.8e-27),srf- tf(HMM:1.3e-36)" |

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| 11634 | hrw701059890.h1 | k-box(HMM:6.1e-10) |
| 11635 | 139861_1.R1040 | k-box(HMM:6.8) |
| 11636 | 1575_2.R1040 | "k-box(HMM:7e-36),srf- tf(HMM:6.5e-24)" |
| 11637 | ncj700979602.h2 | k-box(HMM:8.2e-05) |
| 11638 | LIB3072-059-Q1-K1-E6 | k-box(HMM:8.6e-20) |
| 11639 | zhf700963673.h1 | k-box(HMM:8e-10) |
| 11640 | jex700904960.h1 | k-box(HMM:8e-19) |
| 11641 | gsv701044843.h1 | keyword:14-3-3(1.0e-19) |
| 11642 | 90958_1.R1040 | keyword:14-3-3(2.0e-34) |
| 11643 | vzy700755180.h1 | keyword:14-3-3(3.0e-20) |
| 11644 | LIB3093-015-Q1-K2-G5 | keyword:14-3-3(4.0e-41) |
| 11645 | LIB3092-029-Q1-K1-E5 | keyword:14-3-3(5.0e-10) |
| 11646 | jex700908747.h1 | keyword:14-3-3(5.0e-12) |
| 11647 | seb700654213.h1 | keyword:14-3-3(8.0e-17) |
| 11648 | 390940_1.R1040 | keyword:14-3-3(9.0e-37) |
| 11649 | 41864_1.R1040 | keyword:AGL(1.0e-35) |
| 11650 | 151863_1.R1040 | keyword:AGL(1.0e-69) |
| 11651 | kll701203692.h2 | keyword:AGL(2.0e-17) |
| 11652 | wvk700683783.h1 | keyword:AGL(2.0e-43) |
| 11653 | jC-gmle01810013f09d1 | keyword:AGL(3.0e-26) |
| 11654 | zzp700829978.h1 | keyword:AGL(4.0e-19) |
| 11655 | awf700840875.h1 | keyword:AGL(4.0e-30) |
| 11656 | LIB3094-009-Q1-K1-A1 | keyword:AGL(5.0e-18) |
| 11657 | vzy700751095.h1 | keyword:AGL(6.0e-24) |
| 11658 | 325_1.R1040 | keyword:ap2(0.0e+00) |
| 11659 | 325_3.R1040 | keyword:ap2(0.0e+00) |
| 11660 | uC-gmropic006b12b1 | keyword:ap2(1.0e-61) |
| 11661 | 35455_1.R1040 | keyword:ap2(2.0e-22) |
| 11662 | vzy700752462.h1 | keyword:ap2(2.0e-25) |
| 11663 | jC-gmle01810087c12a1 | keyword:ap2(2.0e-40) |
| 11664 | 1489_3.R1040 | keyword:ap2(3.0e-10) |
| 11665 | uC-gmropic029g06b1 | keyword:ap2(4.0e-09) |
| 11666 | LIB3072-002-Q1-K1-E9 | keyword:ap2(4.0e-11) |
| 11667 | uC-gmrominsoy127c11b1 | keyword:ap2(4.0e-17) |
| 11668 | LIB3056-009-Q1-N1-H12 | keyword:ap2(4.0e-50) |
| 11669 | 354536_1.R1040 | keyword:ap2(5.0e-12) |
| 11670 | 23372_1.R1040 | keyword:ap2(5.0e-25) |
| 11671 | 301112_1.R1040 | keyword:ap2(7.0e-18) |
| 11672 | hrw701057553.h1 | keyword:ap2(8.0e-40) |
| 11673 | 19599_1.R1040 | keyword:AT-hook(1.0e-27) |
| 11674 | 118149_1.R1040 | keyword:AT-hook(1.0e-34) |
| 11675 | g4405544 | keyword:AT-hook(7.0e-33) |
| 11676 | bth700843917.h1 | "keyword:bzip(1.0e- 08),keyword:homeobox(1.0e- 08)" |
| 11677 | 174937_1.R1040 | keyword:bzip(1.0e-10) |
| 11678 | zzp700834555.h1 | keyword:bzip(1.0e-10) |
| 11679 | 83094_1.R1040 | "keyword:bzip(1.0e- 115),keyword:homeobox(1.0e- 115)" |
| 11680 | 22158_1.R1040 | "keyword:bzip(1.0e- 118),keyword:homeobox(1.0e- 118)" |

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| 11681 | LIB3107-058-Q1-K1-A5 | keyword:bzip(1.0e-12) |
| 11682 | g5508980 | keyword:bzip(1.0e-24) |
| 11683 | 145700_1.R1040 | keyword:bzip(1.0e-28) |
| 11684 | 69433_1.R1040 | keyword:bzip(1.0e-37) |
| 11685 | 14863_1.R1040 | "keyword:bzip(1.0e-53),keyword:homeobox(1.0e-53)" |
| 11686 | 12356_1.R1040 | "keyword:bzip(1.0e-62),keyword:homeobox(1.0e-62)" |
| 11687 | 226967_1.R1040 | "keyword:bzip(1.0e-97),keyword:homeobox(1.0e-97)" |
| 11688 | hyd700726285.h1 | keyword:bzip(2.0e-13) |
| 11689 | 339656_1.R1040 | "keyword:bzip(2.0e-19),keyword:dna-binding(2.0e-19)" |
| 11690 | 6080_2.R1040 | "keyword:bzip(2.0e-21),keyword:dna-binding(2.0e-21)" |
| 11691 | zsg701120778.h1 | "keyword:bzip(2.0e-22),keyword:dna-binding(2.0e-22)" |
| 11692 | trc700566764.h1 | keyword:bzip(2.0e-23) |
| 11693 | 354262_1.R1040 | "keyword:bzip(2.0e-57),keyword:homeobox(2.0e-57)" |
| 11694 | 62394_1.R1040 | keyword:bzip(2.0e-93) |
| 11695 | 6080_1.R1040 | "keyword:bzip(3.0e-14),keyword:dna-binding(3.0e-14)" |
| 11696 | 20351_1.R1040 | keyword:bzip(3.0e-17) |
| 11697 | jC-gmro02910047a05a1 | keyword:bzip(3.0e-20) |
| 11698 | ncj700979737.h2 | keyword:bzip(3.0e-20) |
| 11699 | 45251_1.R1040 | "keyword:bzip(3.0e-21),keyword:dna-binding(3.0e-21)" |
| 11700 | 149_2.R1040 | "keyword:bzip(3.0e-32),keyword:dna-binding(3.0e-32)" |
| 11701 | 136271_1.R1040 | keyword:bzip(3.0e-75) |
| 11702 | wrg700788846.h2 | "keyword:bzip(4.0e-18),keyword:homeobox(4.0e-18)" |
| 11703 | 22195_1.R1040 | "keyword:bzip(4.0e-86),keyword:homeobox(4.0e-86)" |
| 11704 | zhf700959859.h1 | keyword:bzip(5.0e-28) |
| 11705 | 48052_1.R1040 | "keyword:bzip(5.0e-46),keyword:dna-binding(5.0e-46)" |
| 11706 | uC-gmropic088b08b1 | "keyword:bzip(5.0e-46),keyword:homeobox(5.0e-46)" |

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| 11707 | zpv700757904.h1 | "keyword:bzip(6.0e-18),keyword:homeobox(6.0e-18)" |
| 11708 | 31885_1.R1040 | keyword:bzip(6.0e-23) |
| 11709 | 132140_1.R1040 | keyword:bzip(7.0e-27) |
| 11710 | rca701000394.h1 | keyword:bzip(8.0e-21) |
| 11711 | wvk700682587.h2 | "keyword:bzip(9.0e-15),keyword:homeobox(9.0e-15)" |
| 11712 | eep700868689.h1 | keyword:bzip(9.0e-17) |
| 11713 | sat701009842.h1 | "keyword:bzip(9.0e-18),keyword:homeobox(9.0e-18)" |
| 11714 | 77505_2.R1040 | keyword:CONSTANS(2.0e-30) |
| 11715 | jC-gmfl02220077h12d1 | keyword:CONSTANS(3.0e-18) |
| 11716 | g5058154 | keyword:CONSTANS(3.0e-24) |
| 11717 | 77505_1.R1040 | keyword:CONSTANS(9.0e-27) |
| 11718 | 20622_1.R1040 | keyword:dna-binding(0.0e+00) |
| 11719 | 78483_1.R1040 | keyword:dna-binding(1.0e-08) |
| 11720 | 29357_1.R1040 | keyword:dna-binding(1.0e-09) |
| 11721 | 310_2.R1040 | keyword:dna-binding(1.0e-13) |
| 11722 | fC-gmst700665086r3 | keyword:dna-binding(1.0e-14) |
| 11723 | LIB3055-002-Q1-B1-C10 | keyword:dna-binding(1.0e-16) |
| 11724 | 122_1.R1040 | keyword:dna-binding(1.0e-168) |
| 11725 | 115105_1.R1040 | keyword:dna-binding(1.0e-18) |
| 11726 | 131135_1.R1040 | keyword:dna-binding(1.0e-18) |
| 11727 | 3217_9.R1040 | keyword:dna-binding(1.0e-18) |
| 11728 | 310_1.R1040 | keyword:dna-binding(1.0e-21) |
| 11729 | LIB3170-067-Q1-K1-C1 | keyword:dna-binding(1.0e-23) |
| 11730 | LIB3170-075-Q1-K1-G12 | keyword:dna-binding(1.0e-24) |
| 11731 | LIB3051-036-Q1-K1-D11 | keyword:dna-binding(1.0e-25) |
| 11732 | leu701154805.h1 | keyword:dna-binding(1.0e-25) |
| 11733 | 2358_2.R1040 | keyword:dna-binding(1.0e-29) |
| 11734 | 15300_1.R1040 | keyword:dna-binding(1.0e-33) |
| 11735 | LIB3050-019-Q1-K1-A6 | keyword:dna-binding(1.0e-38) |
| 11736 | LIB3138-099-Q1-N1-H10 | keyword:dna-binding(1.0e-56) |
| 11737 | 149462_1.R1040 | keyword:dna-binding(1.0e-60) |
| 11738 | 211442_1.R1040 | keyword:dna-binding(1.0e-60) |
| 11739 | 11532_1.R1040 | keyword:dna-binding(1.0e-62) |
| 11740 | 16355_1.R1040 | keyword:dna-binding(1.0e-64) |
| 11741 | 25670_1.R1040 | keyword:dna-binding(1.0e-95) |
| 11742 | jC-gmle01810033b05a2 | keyword:dna-binding(2.0e-09) |
| 11743 | jC-gmst02400066b11d1 | keyword:dna-binding(2.0e-09) |
| 11744 | 22522_1.R1040 | keyword:dna-binding(2.0e-10) |
| 11745 | uC-gmronoir056a09b1 | keyword:dna-binding(2.0e-10) |
| 11746 | 173253_1.R1040 | keyword:dna-binding(2.0e-12) |
| 11747 | pcp700994710.h1 | keyword:dna-binding(2.0e-12) |
| 11748 | sat701015336.h1 | keyword:dna-binding(2.0e-12) |
| 11749 | bth700849819.h1 | keyword:dna-binding(2.0e-13) |
| 11750 | 1500_1.R1040 | keyword:dna-binding(2.0e-14) |
| 11751 | 16355_6.R1040 | keyword:dna-binding(2.0e-14) |
| 11752 | 180248_1.R1040 | keyword:dna-binding(2.0e-15) |
| 11753 | 136748_1.R1040 | keyword:dna-binding(2.0e-23) |
| 11754 | LIB3053-013-Q1-N1-D10 | keyword:dna-binding(2.0e-33) |

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| 11755 | 230087_1.R1040 | keyword:dna-binding(2.0e-37) |
| 11756 | 23264_1.R1040 | keyword:dna-binding(2.0e-40) |
| 11757 | 32691_2.R1040 | keyword:dna-binding(2.0e-41) |
| 11758 | jC-gmro02910066c07a1 | keyword:dna-binding(2.0e-43) |
| 11759 | rca700998163.h1 | keyword:dna-binding(2.0e-43) |
| 11760 | g5057884 | keyword:dna-binding(2.0e-45) |
| 11761 | 18260_1.R1040 | keyword:dna-binding(2.0e-53) |
| 11762 | 94769_1.R1040 | keyword:dna-binding(2.0e-70) |
| 11763 | 46901_1.R1040 | keyword:dna-binding(2.0e-87) |
| 11764 | 34677_1.R1040 | keyword:dna-binding(2.0e-91) |
| 11765 | 122_3.R1040 | keyword:dna-binding(2.0e-98) |
| 11766 | wrg700787662.h2 | keyword:dna-binding(3.0e-12) |
| 11767 | 1411_2.R1040 | keyword:dna-binding(3.0e-13) |
| 11768 | 16355_4.R1040 | keyword:dna-binding(3.0e-15) |
| 11769 | 23286_1.R1040 | keyword:dna-binding(3.0e-15) |
| 11770 | g4283918 | keyword:dna-binding(3.0e-15) |
| 11771 | LIB3094-047-Q1-K1-F9 | keyword:dna-binding(3.0e-18) |
| 11772 | 29654_1.R1040 | keyword:dna-binding(3.0e-21) |
| 11773 | LIB3093-035-Q1-K1-G6 | keyword:dna-binding(3.0e-25) |
| 11774 | pxt700941062.h1 | keyword:dna-binding(3.0e-28) |
| 11775 | LIB3074-030-Q1-K2-C5 | keyword:dna-binding(3.0e-35) |
| 11776 | LIB3106-116-Q1-K1-F10 | keyword:dna-binding(3.0e-40) |
| 11777 | zsg701123158.h1 | keyword:dna-binding(4.0e-09) |
| 11778 | 257521_1.R1040 | keyword:dna-binding(4.0e-12) |
| 11779 | sat701009968.h2 | keyword:dna-binding(4.0e-12) |
| 11780 | g5753326 | keyword:dna-binding(4.0e-13) |
| 11781 | 92872_1.R1040 | keyword:dna-binding(4.0e-17) |
| 11782 | 25538_5.R1040 | keyword:dna-binding(4.0e-18) |
| 11783 | LIB3109-043-Q1-K1-E12 | keyword:dna-binding(4.0e-24) |
| 11784 | 16355_5.R1040 | keyword:dna-binding(4.0e-42) |
| 11785 | g5753094 | keyword:dna-binding(4.0e-67) |
| 11786 | fC-gmse700672271f1 | keyword:dna-binding(5.0e-12) |
| 11787 | jC-gmst02400051c05a1 | keyword:dna-binding(5.0e-13) |
| 11788 | 177341_1.R1040 | keyword:dna-binding(5.0e-14) |
| 11789 | ncj700987493.h1 | keyword:dna-binding(5.0e-17) |
| 11790 | 22522_3.R1040 | keyword:dna-binding(5.0e-21) |
| 11791 | uC-gmflminsoy120d03b1 | keyword:dna-binding(5.0e-23) |
| 11792 | zsg701123944.h1 | keyword:dna-binding(6.0e-09) |
| 11793 | uC-gmrominsoy220a02b1 | keyword:dna-binding(6.0e-14) |
| 11794 | jex700907574.h1 | keyword:dna-binding(6.0e-20) |
| 11795 | 7481_3.R1040 | keyword:dna-binding(6.0e-24) |
| 11796 | 43449_1.R1040 | keyword:dna-binding(6.0e-40) |
| 11797 | jC-gmro02910024e06a1 | keyword:dna-binding(6.0e-40) |
| 11798 | 134798_1.R1040 | keyword:dna-binding(6.0e-54) |
| 11799 | LIB3138-095-Q1-N1-A5 | keyword:dna-binding(7.0e-17) |
| 11800 | wvk700685507.h1 | keyword:dna-binding(7.0e-32) |
| 11801 | LIB3051-046-Q1-K1-C8 | keyword:dna-binding(7.0e-40) |
| 11802 | 11532_2.R1040 | keyword:dna-binding(7.0e-41) |
| 11803 | 2358_1.R1040 | keyword:dna-binding(7.0e-57) |
| 11804 | 2297_5.R1040 | keyword:dna-binding(7.0e-61) |
| 11805 | 136379_1.R1040 | keyword:dna-binding(7.0e-68) |
| 11806 | 66075_1.R1040 | keyword:dna-binding(8.0e-16) |
| 11807 | 28599_2.R1040 | keyword:dna-binding(8.0e-31) |
| 11808 | 268619_1.R1040 | keyword:dna-binding(8.0e-43) |

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| 11809 | 16355_2.R1040 | keyword:dna-binding(8.0e-51) |
| 11810 | g4291415 | keyword:dna-binding(9.0e-11) |
| 11811 | gsv701054633.h1 | keyword:dna-binding(9.0e-11) |
| 11812 | 90535_1.R1040 | keyword:dna-binding(9.0e-17) |
| 11813 | 5510_1.R1040 | keyword:dna-binding(9.0e-29) |
| 11814 | 16355_3.R1040 | keyword:dna-binding(9.0e-74) |
| 11815 | 11762_2.R1040 | keyword:DREB(4.0e-33) |
| 11816 | 98365_1.R1040 | keyword:enbp(2.0e-30) |
| 11817 | zhf700957918.h1 | keyword:enbp(4.0e-09) |
| 11818 | LIB3093-024-Q1-K1-F2 | keyword:enbp(4.0e-36) |
| 11819 | gsv701051187.h1 | keyword:helix-loop-helix(4.0e-12) |
| 11820 | 21305_1.R1040 | keyword:helix-loop-helix(8.0e-36) |
| 11821 | 340944_1.R1040 | keyword:homeobox(0.0e+00) |
| 11822 | 126536_1.R1040 | keyword:homeobox(1.0e-100) |
| 11823 | 55562_1.R1040 | keyword:homeobox(1.0e-103) |
| 11824 | 25825_1.R1040 | keyword:homeobox(1.0e-110) |
| 11825 | 23745_1.R1040 | keyword:homeobox(1.0e-119) |
| 11826 | 8013_2.R1040 | keyword:homeobox(1.0e-12) |
| 11827 | LIB3094-027-Q1-K1-C10 | "keyword:homeobox(1.0e-19),keyword:Leucine-zipper(1.0e-19)" |
| 11828 | sat701013183.h1 | "keyword:homeobox(1.0e-21),keyword:homeodomain(1.0e-21),keyword:Leucine-zipper(1.0e-21)" |
| 11829 | asn701141080.h1 | keyword:homeobox(1.0e-32) |
| 11830 | 84730_1.R1040 | keyword:homeobox(1.0e-41) |
| 11831 | 70904_1.R1040 | keyword:homeobox(1.0e-47) |
| 11832 | 464_3.R1040 | "keyword:homeobox(1.0e-57),keyword:Leucine-zipper(1.0e-57)" |
| 11833 | uC-gmrominsoy104g05b1 | keyword:homeobox(2.0e-12) |
| 11834 | LIB3138-031-Q1-N1-F10 | "keyword:homeobox(2.0e-13),keyword:Leucine-zipper(2.0e-13)" |
| 11835 | 242864_1.R1040 | "keyword:homeobox(2.0e-14),keyword:Leucine-zipper(2.0e-14)" |
| 11836 | pxt700945149.h1 | keyword:homeobox(2.0e-15) |
| 11837 | leu701146987.h1 | "keyword:homeobox(2.0e-21),keyword:Leucine-zipper(2.0e-21)" |
| 11838 | fua701038893.h1 | keyword:homeobox(2.0e-23) |
| 11839 | uC-gmrominsoy065e09b1 | keyword:homeobox(2.0e-24) |
| 11840 | zsg701128657.h1 | keyword:homeobox(2.0e-24) |
| 11841 | 104906_1.R1040 | keyword:homeobox(2.0e-27) |
| 11842 | 4355_3.R1040 | keyword:homeobox(2.0e-31) |
| 11843 | 4355_6.R1040 | keyword:homeobox(2.0e-42) |
| 11844 | gsv701046638.h1 | keyword:homeobox(3.0e-12) |
| 11845 | 7481_2.R1040 | "keyword:homeobox(3.0e-12),keyword:Leucine-zipper(3.0e-12)" |

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| 11846 | LIB3094-087-Q1-K1-B1 | "keyword:homeobox(3.0e-14),keyword:Leucine-zipper(3.0e-14)" |
| 11847 | gsv701044506.h1 | keyword:homeobox(3.0e-15) |
| 11848 | LIB3094-047-Q1-K1-A9 | "keyword:homeobox(3.0e-18),keyword:Leucine-zipper(3.0e-18)" |
| 11849 | 7598_5.R1040 | "keyword:homeobox(3.0e-21),keyword:homeomain(3.0e-21)" |
| 11850 | LIB3051-103-Q1-K1-B11 | keyword:homeobox(3.0e-22) |
| 11851 | LIB3093-053-Q1-K1-A3 | keyword:homeobox(3.0e-22) |
| 11852 | kl1701211947.h1 | keyword:homeobox(3.0e-26) |
| 11853 | uC-gmflminsoy044g01b1 | keyword:homeobox(3.0e-32) |
| 11854 | 102969_1.R1040 | keyword:homeobox(3.0e-46) |
| 11855 | 7598_2.R1040 | "keyword:homeobox(3.0e-60),keyword:homeomain(3.0e-60)" |
| 11856 | 214566_1.R1040 | keyword:homeobox(3.0e-61) |
| 11857 | 27738_3.R1040 | "keyword:homeobox(3.0e-63),keyword:Leucine-zipper(3.0e-63)" |
| 11858 | 80317_1.R1040 | keyword:homeobox(3.0e-74) |
| 11859 | 134968_1.R1040 | keyword:homeobox(3.0e-91) |
| 11860 | 163514_1.R1040 | keyword:homeobox(4.0e-24) |
| 11861 | LIB3094-093-Q1-K1-B12 | "keyword:homeobox(4.0e-32),keyword:Leucine-zipper(4.0e-32)" |
| 11862 | LIB3138-093-Q1-N1-H5 | keyword:homeobox(4.0e-33) |
| 11863 | 7598_3.R1040 | keyword:homeobox(4.0e-48) |
| 11864 | 58204_1.R1040 | keyword:homeobox(5.0e-11) |
| 11865 | 31442_1.R1040 | keyword:homeobox(5.0e-13) |
| 11866 | uxk700669731.h1 | keyword:homeobox(5.0e-18) |
| 11867 | 80765_1.R1040 | "keyword:homeobox(5.0e-19),keyword:Leucine-zipper(5.0e-19)" |
| 11868 | zhf700959801.h1 | keyword:homeobox(5.0e-26) |
| 11869 | jC-gmro02800034b04a1 | keyword:homeobox(5.0e-30) |
| 11870 | 245347_1.R1040 | keyword:homeobox(5.0e-35) |
| 11871 | 97554_1.R1040 | "keyword:homeobox(6.0e-09),keyword:Leucine-zipper(6.0e-09)" |
| 11872 | LIB3094-056-Q1-K1-D3 | keyword:homeobox(6.0e-14) |
| 11873 | 138324_1.R1040 | keyword:homeobox(6.0e-21) |
| 11874 | 314518_1.R1040 | keyword:homeobox(6.0e-34) |
| 11875 | pxt700943363.h1 | keyword:homeobox(7.0e-09) |
| 11876 | 160303_1.R1040 | keyword:homeobox(7.0e-49) |
| 11877 | 21457_1.R1040 | keyword:homeobox(7.0e-68) |
| 11878 | 8013_1.R1040 | keyword:homeobox(7.0e-76) |
| 11879 | g5752776 | keyword:homeobox(8.0e-11) |
| 11880 | LIB3094-091-Q1-K1-D7 | "keyword:homeobox(8.0e-18),keyword:Leucine-zipper(8.0e-18)" |
| 11881 | zzp700833145.h1 | keyword:homeobox(8.0e-26) |

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| 11882 | 4355_2.R1040 | keyword:homeobox(8.0e-93) |
| 11883 | LIB3094-018-Q1-K1-D7 | "keyword:homeobox(9.0e-13),keyword:Leucine-zipper(9.0e-13)" |
| 11884 | LIB3094-103-Q1-K1-C5 | "keyword:homeobox(9.0e-29),keyword:Leucine-zipper(9.0e-29)" |
| 11885 | wrg700787288.h2 | keyword:homeodomain(1.0e-11) |
| 11886 | 7535_1.R1040 | keyword:homeodomain(1.0e-110) |
| 11887 | 25815_1.R1040 | keyword:homeodomain(1.0e-133) |
| 11888 | 27255_1.R1040 | keyword:homeodomain(1.0e-146) |
| 11889 | 27938_1.R1040 | keyword:homeodomain(1.0e-18) |
| 11890 | 16422_1.R1040 | keyword:homeodomain(1.0e-27) |
| 11891 | wrg700791930.h1 | keyword:homeodomain(1.0e-28) |
| 11892 | 23494_1.R1040 | keyword:homeodomain(2.0e-25) |
| 11893 | 33315_1.R1040 | keyword:homeodomain(2.0e-32) |
| 11894 | 6769_1.R1040 | keyword:homeodomain(2.0e-32) |
| 11895 | 33315_2.R1040 | keyword:homeodomain(2.0e-46) |
| 11896 | LIB3051-115-Q1-K1-G8 | keyword:homeodomain(2.0e-57) |
| 11897 | xpa700792664.h1 | keyword:homeodomain(3.0e-09) |
| 11898 | pmv700892909.h1 | keyword:homeodomain(3.0e-19) |
| 11899 | 33403_2.R1040 | "keyword:homeodomain(3.0e-19),keyword:KNOX(3.0e-19)" |
| 11900 | trc700565743.h1 | keyword:homeodomain(3.0e-25) |
| 11901 | 7535_2.R1040 | keyword:homeodomain(3.0e-70) |
| 11902 | jC-gmst02400050h08a1 | keyword:homeodomain(4.0e-37) |
| 11903 | gsv701044439.h1 | keyword:homeodomain(5.0e-29) |
| 11904 | 60541_1.R1040 | keyword:homeodomain(5.0e-41) |
| 11905 | 60541_2.R1040 | keyword:homeodomain(6.0e-10) |
| 11906 | 63316_2.R1040 | keyword:homeodomain(6.0e-11) |
| 11907 | pmv700894426.h1 | keyword:homeodomain(6.0e-23) |
| 11908 | uC-gmflminsoy066e05b1 | keyword:homeodomain(6.0e-25) |
| 11909 | 7294_1.R1040 | keyword:homeodomain(6.0e-27) |
| 11910 | leu701147041.h1 | keyword:homeodomain(6.0e-31) |
| 11911 | zhf700962277.h1 | keyword:homeodomain(7.0e-16) |
| 11912 | ncj700986825.h1 | keyword:homeodomain(8.0e-16) |
| 11913 | 326950_1.R1040 | keyword:Leucine-zipper(1.0e-08) |
| 11914 | LIB3051-015-Q1-E1-A4 | keyword:Leucine-zipper(3.0e-09) |
| 11915 | LIB3170-058-Q1-J1-E12 | keyword:Leucine-zipper(3.0e-16) |
| 11916 | 256908_1.R1040 | keyword:mads(1.0e-19) |
| 11917 | zhf700958579.h1 | keyword:mads(1.0e-26) |
| 11918 | kl1701214791.h1 | keyword:mads(2.0e-23) |
| 11919 | epx701108585.h1 | "keyword:mads(2.0e-26),keyword:AGL(2.0e-26)" |
| 11920 | zzp700835610.h1 | "keyword:mads(3.0e-15),keyword:AGL(3.0e-15)" |
| 11921 | 65320_1.R1040 | keyword:mads(3.0e-50) |
| 11922 | 92364_1.R1040 | keyword:mads(5.0e-12) |
| 11923 | 3000_1.R1040 | keyword:mads(5.0e-25) |
| 11924 | LIB3093-027-Q1-K1-E5 | keyword:mads(6.0e-09) |
| 11925 | 3041_1.R1040 | keyword:mads(6.0e-11) |

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| 11977 | 232574_1.R1040 | "keyword:transcription(1.0e-09),keyword:bzip(1.0e-09)" |
| 11978 | jex700907607.h1 | keyword:transcription(1.0e-11) |
| 11979 | LIB3170-066-Q1-J1-C7 | "keyword:transcription(1.0e-11),keyword:Leucine-zipper(1.0e-11)" |
| 11980 | 2627_1.R1040 | keyword:transcription(1.0e-113) |
| 11981 | 10062_1.R1040 | keyword:transcription(1.0e-12) |
| 11982 | 63926_2.R1040 | "keyword:transcription(1.0e-12),keyword:myb(1.0e-12)" |
| 11983 | LIB3106-036-Q1-K1-F2 | keyword:transcription(1.0e-15) |
| 11984 | 116873_1.R1040 | keyword:transcription(1.0e-157) |
| 11985 | 319070_1.R1040 | keyword:transcription(1.0e-16) |
| 11986 | 86720_1.R1040 | keyword:transcription(1.0e-16) |
| 11987 | LIB3094-002-Q1-K1-B6 | keyword:transcription(1.0e-16) |
| 11988 | uC-gmrominsoy318d06b1 | "keyword:transcription(1.0e-16),keyword:CBF1(1.0e-16)" |
| 11989 | kl1701212212.h1 | "keyword:transcription(1.0e-17),keyword:mads(1.0e-17)" |
| 11990 | 5732_1.R1040 | keyword:transcription(1.0e-18) |
| 11991 | 61594_1.R1040 | keyword:transcription(1.0e-18) |
| 11992 | 3189_1.R1040 | "keyword:transcription(1.0e-18),keyword:bzip(1.0e-18)" |
| 11993 | 1773_6.R1040 | keyword:transcription(1.0e-21) |
| 11994 | 341396_1.R1040 | keyword:transcription(1.0e-21) |
| 11995 | 13030_1.R1040 | keyword:transcription(1.0e-23) |
| 11996 | 9426_1.R1040 | keyword:transcription(1.0e-25) |
| 11997 | jC-gmro02910070h11a1 | keyword:transcription(1.0e-25) |
| 11998 | 21476_2.R1040 | "keyword:transcription(1.0e-28),keyword:myb(1.0e-28)" |
| 11999 | 25494_1.R1040 | keyword:transcription(1.0e-29) |
| 12000 | 5591_1.R1040 | keyword:transcription(1.0e-29) |
| 12001 | LIB3167-077-P1-K1-G10 | "keyword:transcription(1.0e-31),keyword:myb(1.0e-31)" |
| 12002 | 186656_1.R1040 | keyword:transcription(1.0e-35) |
| 12003 | 125699_1.R1040 | keyword:transcription(1.0e-36) |
| 12004 | taw700657154.h1 | keyword:transcription(1.0e-37) |
| 12005 | 227769_1.R1040 | keyword:transcription(1.0e-46) |
| 12006 | 8630_1.R1040 | keyword:transcription(1.0e-47) |
| 12007 | 20950_1.R1040 | keyword:transcription(1.0e-49) |
| 12008 | 16230_1.R1040 | keyword:transcription(1.0e-63) |
| 12009 | 2588_1.R1040 | keyword:transcription(1.0e-67) |
| 12010 | 47422_1.R1040 | keyword:transcription(1.0e-93) |
| 12011 | 122996_1.R1040 | keyword:transcription(2.0e-09) |
| 12012 | LIB3167-029-P1-K1-H8 | keyword:transcription(2.0e-09) |
| 12013 | bth700847135.h1 | keyword:transcription(2.0e-09) |
| 12014 | jex700909970.h1 | keyword:transcription(2.0e-09) |
| 12015 | LIB3094-097-Q1-K1-D2 | keyword:transcription(2.0e-10) |
| 12016 | LIB3167-004-P1-K1-D1 | keyword:transcription(2.0e-10) |
| 12017 | g4292842 | keyword:transcription(2.0e-10) |
| 12018 | g5676904 | keyword:transcription(2.0e-10) |
| 12019 | 159922_1.R1040 | "keyword:transcription(2.0e-10),keyword:myb(2.0e-10)" |
| 12020 | 21460_3.R1040 | "keyword:transcription(2.0e- |

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| | | 10),keyword:myb(2.0e-10),keyword:dna-binding(2.0e-10)" |
| 12021 | 120977_1.R1040 | keyword:transcription(2.0e-11) |
| 12022 | 22512_1.R1040 | keyword:transcription(2.0e-11) |
| 12023 | 617_5.R1040 | keyword:transcription(2.0e-11) |
| 12024 | LIB3040-053-Q1-E1-D10 | keyword:transcription(2.0e-11) |
| 12025 | taw700657806.h1 | "keyword:transcription(2.0e-11),keyword:myb(2.0e-11)" |
| 12026 | LIB3094-002-Q1-K1-E6 | keyword:transcription(2.0e-12) |
| 12027 | jex700907090.h1 | keyword:transcription(2.0e-12) |
| 12028 | 66954_1.R1040 | keyword:transcription(2.0e-13) |
| 12029 | ncj700985576.h1 | "keyword:transcription(2.0e-13),keyword:myb(2.0e-13)" |
| 12030 | 12831_2.R1040 | keyword:transcription(2.0e-14) |
| 12031 | zsg701129178.h1 | keyword:transcription(2.0e-14) |
| 12032 | 1773_3.R1040 | keyword:transcription(2.0e-15) |
| 12033 | 216144_1.R1040 | keyword:transcription(2.0e-15) |
| 12034 | pxt700945078.h1 | keyword:transcription(2.0e-15) |
| 12035 | jC-gmfl02220137e03a1 | keyword:transcription(2.0e-16) |
| 12036 | uC-gmronoir024e09b1 | keyword:transcription(2.0e-16) |
| 12037 | LIB3167-050-P1-K1-G3 | keyword:transcription(2.0e-17) |
| 12038 | 19582_2.R1040 | keyword:transcription(2.0e-18) |
| 12039 | 81226_1.R1040 | keyword:transcription(2.0e-18) |
| 12040 | zhf700962293.h1 | "keyword:transcription(2.0e-18),keyword:myb(2.0e-18)" |
| 12041 | g4396494 | keyword:transcription(2.0e-19) |
| 12042 | 58348_1.R1040 | keyword:transcription(2.0e-20) |
| 12043 | 59873_1.R1040 | keyword:transcription(2.0e-20) |
| 12044 | 80888_1.R1040 | keyword:transcription(2.0e-20) |
| 12045 | 196243_1.R1040 | keyword:transcription(2.0e-22) |
| 12046 | LIB3109-031-Q1-K1-C4 | "keyword:transcription(2.0e-22),keyword:mads(2.0e-22),keyword:AGL(2.0e-22)" |
| 12047 | 117677_1.R1040 | keyword:transcription(2.0e-24) |
| 12048 | 161065_1.R1040 | keyword:transcription(2.0e-24) |
| 12049 | 3952_1.R1040 | keyword:transcription(2.0e-24) |
| 12050 | jC-gmle01810054fl1a1 | keyword:transcription(2.0e-24) |
| 12051 | 15738_2.R1040 | keyword:transcription(2.0e-25) |
| 12052 | 20950_3.R1040 | keyword:transcription(2.0e-25) |
| 12053 | LIB3107-060-Q1-K1-H11 | keyword:transcription(2.0e-25) |
| 12054 | 5623_1.R1040 | keyword:transcription(2.0e-26) |
| 12055 | jC-gmro02910072g09d1 | keyword:transcription(2.0e-27) |
| 12056 | fde700870726.h1 | keyword:transcription(2.0e-28) |
| 12057 | zsg701128978.h1 | keyword:transcription(2.0e-34) |
| 12058 | 139560_1.R1040 | keyword:transcription(2.0e-36) |
| 12059 | 3226_2.R1040 | keyword:transcription(2.0e-38) |
| 12060 | 252139_1.R1040 | "keyword:transcription(2.0e-40),keyword:myb(2.0e-40)" |
| 12061 | 465_2.R1040 | keyword:transcription(2.0e-42) |
| 12062 | LIB3051-038-Q1-K1-A5 | keyword:transcription(2.0e-42) |
| 12063 | 30041_1.R1040 | keyword:transcription(2.0e-46) |
| 12064 | g4291113 | keyword:transcription(2.0e-46) |
| 12065 | 47422_2.R1040 | keyword:transcription(2.0e-48) |

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| 12115 | jC-gmfl02220103d08a1 | keyword:transcription(4.0e-57) |
| 12116 | 71352_1.R1040 | keyword:transcription(5.0e-09) |
| 12117 | gsv701046215.h1 | keyword:transcription(5.0e-09) |
| 12118 | 326622_1.R1040 | keyword:transcription(5.0e-12) |
| 12119 | seb700649555.h1 | "keyword:transcription(5.0e-14),keyword:myb(5.0e-14)" |
| 12120 | 13667_1.R1040 | "keyword:transcription(5.0e-20),keyword:zinc-finger(5.0e-20)" |
| 12121 | 93240_1.R1040 | keyword:transcription(5.0e-22) |
| 12122 | 181075_1.R1040 | keyword:transcription(5.0e-24) |
| 12123 | asn701136703.h1 | "keyword:transcription(5.0e-25),keyword:homeobox(5.0e-25)" |
| 12124 | taw700658629.h1 | keyword:transcription(5.0e-27) |
| 12125 | jC-gmle01810085d12a1 | keyword:transcription(5.0e-30) |
| 12126 | rca700997772.h1 | "keyword:transcription(5.0e-30),keyword:myb(5.0e-30)" |
| 12127 | 244118_1.R1040 | keyword:transcription(5.0e-32) |
| 12128 | seb700652889.h1 | keyword:transcription(5.0e-33) |
| 12129 | g5606335 | keyword:transcription(5.0e-34) |
| 12130 | 21482_1.R1040 | keyword:transcription(5.0e-38) |
| 12131 | 57556_1.R1040 | keyword:transcription(5.0e-40) |
| 12132 | g5510295 | keyword:transcription(5.0e-42) |
| 12133 | 4184_2.R1040 | keyword:transcription(5.0e-43) |
| 12134 | 1773_7.R1040 | keyword:transcription(5.0e-57) |
| 12135 | ncj700984075.h1 | keyword:transcription(6.0e-10) |
| 12136 | ssr700559327.h1 | keyword:transcription(6.0e-10) |
| 12137 | 19145_1.R1040 | keyword:transcription(6.0e-11) |
| 12138 | ASG3244V4L-01-Q1-E1-G1 | keyword:transcription(6.0e-12) |
| 12139 | 28610_1.R1040 | keyword:transcription(6.0e-13) |
| 12140 | 47883_1.R1040 | keyword:transcription(6.0e-13) |
| 12141 | kll701207952.h1 | keyword:transcription(6.0e-15) |
| 12142 | LIB3094-006-Q1-K1-E6 | keyword:transcription(6.0e-17) |
| 12143 | LIB3051-101-Q1-K1-G3 | "keyword:transcription(6.0e-20),keyword:myb(6.0e-20),keyword:dna-binding(6.0e-20)" |
| 12144 | 97656_1.R1040 | keyword:transcription(6.0e-21) |
| 12145 | jC-gmle01810053h07d1 | keyword:transcription(6.0e-21) |
| 12146 | uC-gmrominsoy094f04b1 | keyword:transcription(6.0e-21) |
| 12147 | 146745_1.R1040 | keyword:transcription(6.0e-33) |
| 12148 | 132335_1.R1040 | keyword:transcription(6.0e-35) |
| 12149 | 79596_1.R1040 | "keyword:transcription(6.0e-35),keyword:myb(6.0e-35)" |
| 12150 | 15261_1.R1040 | keyword:transcription(6.0e-38) |
| 12151 | 136068_1.R1040 | "keyword:transcription(6.0e-52),keyword:bzip(6.0e-52)" |
| 12152 | 62447_1.R1040 | "keyword:transcription(6.0e-56),keyword:dna-binding(6.0e-56)" |
| 12153 | 360892_1.R1040 | keyword:transcription(6.0e-78) |
| 12154 | 143472_1.R1040 | "keyword:transcription(7.0e-11),keyword:dna-binding(7.0e-11)" |

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| 12207 | zsg701126225.h1 | keyword:zinc-finger(1.0e-33) |
| 12208 | 7746_2.R1040 | keyword:zinc-finger(1.0e-36) |
| 12209 | 21469_1.R1040 | keyword:zinc-finger(1.0e-37) |
| 12210 | 21763_1.R1040 | keyword:zinc-finger(1.0e-43) |
| 12211 | 328757_1.R1040 | keyword:zinc-finger(1.0e-48) |
| 12212 | 21453_3.R1040 | keyword:zinc-finger(1.0e-62) |
| 12213 | 3138_3.R1040 | keyword:zinc-finger(1.0e-68) |
| 12214 | 67548_2.R1040 | keyword:zinc-finger(2.0e-09) |
| 12215 | 108831_1.R1040 | keyword:zinc-finger(2.0e-10) |
| 12216 | LIB3138-005-Q1-N1-B3 | keyword:zinc-finger(2.0e-10) |
| 12217 | 20065_1.R1040 | keyword:zinc-finger(2.0e-11) |
| 12218 | 70259_1.R1040 | keyword:zinc-finger(2.0e-11) |
| 12219 | 91284_1.R1040 | keyword:zinc-finger(2.0e-11) |
| 12220 | jC-gmro02910025g01a1 | keyword:zinc-finger(2.0e-12) |
| 12221 | zsg701129029.h1 | keyword:zinc-finger(2.0e-12) |
| 12222 | 141784_1.R1040 | keyword:zinc-finger(2.0e-14) |
| 12223 | 61663_1.R1040 | keyword:zinc-finger(2.0e-14) |
| 12224 | zhf700954134.h1 | keyword:zinc-finger(2.0e-14) |
| 12225 | 4506_1.R1040 | keyword:zinc-finger(2.0e-15) |
| 12226 | 57906_1.R1040 | keyword:zinc-finger(2.0e-15) |
| 12227 | ncj700985727.h1 | keyword:zinc-finger(2.0e-15) |
| 12228 | 10068_4.R1040 | keyword:zinc-finger(2.0e-16) |
| 12229 | 18507_1.R1040 | keyword:zinc-finger(2.0e-18) |
| 12230 | uxk700670726.h1 | keyword:zinc-finger(2.0e-18) |
| 12231 | 132949_1.R1040 | keyword:zinc-finger(2.0e-19) |
| 12232 | jC-gmfl02220056d02a1 | keyword:zinc-finger(2.0e-19) |
| 12233 | trc700565482.h1 | keyword:zinc-finger(2.0e-23) |
| 12234 | 18906_4.R1040 | keyword:zinc-finger(2.0e-25) |
| 12235 | LIB3092-022-Q1-K1-D5 | keyword:zinc-finger(2.0e-28) |
| 12236 | LIB3109-021-Q1-K1-E11 | keyword:zinc-finger(2.0e-31) |
| 12237 | leu701148210.h1 | keyword:zinc-finger(2.0e-32) |
| 12238 | 17175_2.R1040 | keyword:zinc-finger(2.0e-33) |
| 12239 | LIB3051-115-Q1-K1-H9 | keyword:zinc-finger(2.0e-33) |
| 12240 | 125562_1.R1040 | keyword:zinc-finger(2.0e-42) |
| 12241 | 717_6.R1040 | keyword:zinc-finger(2.0e-46) |
| 12242 | 119338_1.R1040 | keyword:zinc-finger(2.0e-60) |
| 12243 | 24103_2.R1040 | keyword:zinc-finger(3.0e-09) |
| 12244 | g5509803 | keyword:zinc-finger(3.0e-10) |
| 12245 | LIB3050-005-Q1-K1-G12 | keyword:zinc-finger(3.0e-14) |
| 12246 | 14458_1.R1040 | keyword:zinc-finger(3.0e-15) |
| 12247 | rca701001275.h1 | keyword:zinc-finger(3.0e-15) |
| 12248 | 140610_1.R1040 | keyword:zinc-finger(3.0e-17) |
| 12249 | 717_8.R1040 | keyword:zinc-finger(3.0e-17) |
| 12250 | ncj700986037.h1 | keyword:zinc-finger(3.0e-17) |
| 12251 | wrg700790823.h1 | keyword:zinc-finger(3.0e-21) |
| 12252 | 26712_1.R1040 | keyword:zinc-finger(3.0e-23) |
| 12253 | 3617_1.R1040 | keyword:zinc-finger(3.0e-24) |
| 12254 | LIB3138-121-Q1-N1-C3 | keyword:zinc-finger(3.0e-25) |
| 12255 | g5606374 | keyword:zinc-finger(3.0e-28) |
| 12256 | hrw701060532.h1 | keyword:zinc-finger(3.0e-29) |
| 12257 | 23539_1.R1040 | keyword:zinc-finger(3.0e-39) |
| 12258 | LIB3028-040-Q1-B1-D11 | keyword:zinc-finger(3.0e-61) |
| 12259 | 737_4.R1040 | keyword:zinc-finger(4.0e-09) |
| 12260 | LIB3106-046-Q1-K1-F3 | keyword:zinc-finger(4.0e-09) |

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| 12261 | fua701038718.h1 | keyword:zinc-finger(4.0e-09) |
| 12262 | 54748_2.R1040 | keyword:zinc-finger(4.0e-10) |
| 12263 | pxt700942546.h1 | keyword:zinc-finger(4.0e-10) |
| 12264 | 14949_2.R1040 | keyword:zinc-finger(4.0e-11) |
| 12265 | LIB3056-011-Q1-N1-D1 | keyword:zinc-finger(4.0e-11) |
| 12266 | 4827_1.R1040 | keyword:zinc-finger(4.0e-14) |
| 12267 | LIB3065-010-Q1-N1-E2 | keyword:zinc-finger(4.0e-14) |
| 12268 | 65426_1.R1040 | keyword:zinc-finger(4.0e-19) |
| 12269 | awf700841015.h1 | keyword:zinc-finger(4.0e-21) |
| 12270 | 145544_1.R1040 | keyword:zinc-finger(4.0e-26) |
| 12271 | 717_11.R1040 | keyword:zinc-finger(4.0e-26) |
| 12272 | 265_1.R1040 | keyword:zinc-finger(4.0e-27) |
| 12273 | LIB3170-076-Q1-J1-F8 | keyword:zinc-finger(4.0e-28) |
| 12274 | 15380_1.R1040 | keyword:zinc-finger(4.0e-31) |
| 12275 | jC-gmfl02220051b06d1 | keyword:zinc-finger(4.0e-41) |
| 12276 | ssr700559492.h1 | keyword:zinc-finger(4.0e-42) |
| 12277 | uC-gmflminsoy062a02b1 | keyword:zinc-finger(4.0e-56) |
| 12278 | 21453_1.R1040 | keyword:zinc-finger(4.0e-60) |
| 12279 | 245703_1.R1040 | keyword:zinc-finger(5.0e-11) |
| 12280 | 29426_1.R1040 | keyword:zinc-finger(5.0e-11) |
| 12281 | LIB3107-018-Q1-K1-D4 | keyword:zinc-finger(5.0e-13) |
| 12282 | 55879_1.R1040 | keyword:zinc-finger(5.0e-16) |
| 12283 | sat701003804.h1 | keyword:zinc-finger(5.0e-16) |
| 12284 | 116798_1.R1040 | keyword:zinc-finger(5.0e-18) |
| 12285 | LIB3093-047-Q1-K1-B12 | keyword:zinc-finger(5.0e-19) |
| 12286 | jC-gmle01810083d10a1 | keyword:zinc-finger(5.0e-19) |
| 12287 | hrw701063636.h1 | keyword:zinc-finger(5.0e-21) |
| 12288 | trc700566572.h1 | keyword:zinc-finger(5.0e-22) |
| 12289 | uC-gmropic023g02b1 | keyword:zinc-finger(5.0e-27) |
| 12290 | LIB3051-077-Q1-K1-B6 | keyword:zinc-finger(5.0e-28) |
| 12291 | zhf700959857.h1 | keyword:zinc-finger(5.0e-32) |
| 12292 | 63519_1.R1040 | "keyword:zinc-finger(5.0e-32),keyword:zinc-finger(5.0e-32)" |
| 12293 | 22646_2.R1040 | keyword:zinc-finger(5.0e-42) |
| 12294 | 119513_1.R1040 | keyword:zinc-finger(5.0e-49) |
| 12295 | 75826_1.R1040 | keyword:zinc-finger(5.0e-56) |
| 12296 | LIB3092-049-Q1-K1-G3 | keyword:zinc-finger(6.0e-09) |
| 12297 | LIB3170-053-Q1-K1-E12 | keyword:zinc-finger(6.0e-09) |
| 12298 | 162064_1.R1040 | keyword:zinc-finger(6.0e-12) |
| 12299 | 54748_1.R1040 | keyword:zinc-finger(6.0e-13) |
| 12300 | 21465_1.R1040 | keyword:zinc-finger(6.0e-17) |
| 12301 | 21453_2.R1040 | keyword:zinc-finger(6.0e-21) |
| 12302 | taw700658561.h1 | keyword:zinc-finger(6.0e-22) |
| 12303 | fde700875511.h1 | "keyword:zinc-finger(6.0e-25),keyword:zinc-finger(6.0e-25)" |
| 12304 | 2638_1.R1040 | keyword:zinc-finger(6.0e-35) |
| 12305 | 102166_1.R1040 | keyword:zinc-finger(7.0e-09) |
| 12306 | 108509_1.R1040 | keyword:zinc-finger(7.0e-13) |
| 12307 | 24103_1.R1040 | keyword:zinc-finger(7.0e-20) |
| 12308 | 27879_1.R1040 | keyword:zinc-finger(7.0e-20) |
| 12309 | 28675_1.R1040 | keyword:zinc-finger(7.0e-20) |
| 12310 | 14432_1.R1040 | keyword:zinc-finger(7.0e-25) |

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| | | 09),myb_dna-binding(HMM:0.34)" |
| 12365 | 3188_1.R1040 | linker_histone(HMM:1.7e-31) |
| 12366 | fC-gmse7000755389a1 | linker_histone(HMM:1.8e-21) |
| 12367 | 381_1.R1040 | linker_histone(HMM:1.8e-24) |
| 12368 | 12908_1.R1040 | "linker_histone(HMM:1e-08),myb_dna-binding(HMM:0.0015)" |
| 12369 | 8792_1.R1040 | linker_histone(HMM:2.5e-22) |
| 12370 | 2930_1.R1040 | linker_histone(HMM:2.6e-36) |
| 12371 | 2930_2.R1040 | linker_histone(HMM:3.9e-36) |
| 12372 | 3188_2.R1040 | linker_histone(HMM:6.2e-32) |
| 12373 | 21518_2.R1040 | linker_histone(HMM:6.5e-22) |
| 12374 | 381_2.R1040 | linker_histone(HMM:8.6e-24) |
| 12375 | 7409_1.R1040 | linker_histone(HMM:8.8e-28) |
| 12376 | 7409_2.R1040 | linker_histone(HMM:9.2e-28) |
| 12377 | 82419_1.R1040 | linker_histone(HMM:9.9e-22) |
| 12378 | 114555_1.R1040 | myb_dna-binding(HMM:0.00017) |
| 12379 | 21478_1.R1040 | myb_dna-binding(HMM:0.00017) |
| 12380 | 93066_1.R1040 | myb_dna-binding(HMM:0.00021) |
| 12381 | 21656_1.R1040 | myb_dna-binding(HMM:0.00044) |
| 12382 | LIB3139-090-P1-N1-C11 | myb_dna-binding(HMM:0.00047) |
| 12383 | LIB3170-055-Q1-K1-F10 | myb_dna-binding(HMM:0.00051) |
| 12384 | 130249_1.R1040 | myb_dna-binding(HMM:0.00053) |
| 12385 | jex700907612.h1 | myb_dna-binding(HMM:0.00069) |
| 12386 | ncj700985623.h1 | myb_dna-binding(HMM:0.00073) |
| 12387 | zhf700955159.h1 | myb_dna-binding(HMM:0.00084) |
| 12388 | kmv700739430.h1 | myb_dna-binding(HMM:0.001) |
| 12389 | seb700649584.h1 | myb_dna-binding(HMM:0.0012) |
| 12390 | 29933_1.R1040 | myb_dna-binding(HMM:0.0021) |
| 12391 | zzp700831485.h1 | myb_dna-binding(HMM:0.0025) |
| 12392 | 80674_1.R1040 | myb_dna-binding(HMM:0.003) |
| 12393 | g5263160_FL | myb_dna-binding(HMM:0.0033) |
| 12394 | zhf700955837.h1 | myb_dna-binding(HMM:0.0038) |
| 12395 | LIB3053-014-Q1-N1-B5 | myb_dna-binding(HMM:0.0039) |
| 12396 | 3217_8.R1040 | myb_dna-binding(HMM:0.004) |
| 12397 | 124449_1.R1040 | myb_dna-binding(HMM:0.0049) |
| 12398 | 30544_1.R1040 | myb_dna-binding(HMM:0.0052) |
| 12399 | 4876_4.R1040 | myb_dna-binding(HMM:0.0062) |
| 12400 | epx701104710.h1 | myb_dna-binding(HMM:0.0069) |
| 12401 | 19607_2.R1040 | myb_dna-binding(HMM:0.009) |
| 12402 | bth700846492.h1 | myb_dna-binding(HMM:0.0091) |
| 12403 | 105904_1.R1040 | myb_dna-binding(HMM:0.0093) |
| 12404 | 244467_1.R1040 | myb_dna-binding(HMM:0.0098) |

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| 12405 | 13534_3.R1040 | myb_dna-binding(HMM:0.013) |
| 12406 | 86871_1.R1040 | myb_dna-binding(HMM:0.019) |
| 12407 | LIB3028-053-Q1-B1-G10 | myb_dna-binding(HMM:0.031) |
| 12408 | 4560_1.R1040 | myb_dna-binding(HMM:0.077) |
| 12409 | 63926_1.R1040 | myb_dna-binding(HMM:0.079) |
| 12410 | kmv700738944.h1 | myb_dna-binding(HMM:0.089) |
| 12411 | rlr700896232.h1 | myb_dna-binding(HMM:0.12) |
| 12412 | 284071_1.R1040 | myb_dna-binding(HMM:0.13) |
| 12413 | smc700750369.h1 | myb_dna-binding(HMM:0.13) |
| 12414 | zhf700952682.h1 | myb_dna-binding(HMM:0.19) |
| 12415 | awf700840104.h1 | myb_dna-binding(HMM:0.3) |
| 12416 | zzp700831735.h1 | myb_dna-binding(HMM:0.6) |
| 12417 | vwf700678561.h1 | myb_dna-binding(HMM:0.71) |
| 12418 | bth700846742.h1 | myb_dna-binding(HMM:0.87) |
| 12419 | 4876_3.R1040 | myb_dna-binding(HMM:0.97) |
| 12420 | 96749_1.R1040 | myb_dna-binding(HMM:1.1) |
| 12421 | LIB3139-094-P1-N1-H9 | myb_dna-binding(HMM:1.1e-07) |
| 12422 | 21478_2.R1040 | myb_dna-binding(HMM:1.1e-33) |
| 12423 | 180_1.R1040 | myb_dna-binding(HMM:1.1e-40) |
| 12424 | 1580_1.R1040 | myb_dna-binding(HMM:1.1e-43) |
| 12425 | 154770_1.R1040 | myb_dna-binding(HMM:1.2e-14) |
| 12426 | 20051_3.R1040 | myb_dna-binding(HMM:1.2e-17) |
| 12427 | 21478_3.R1040 | myb_dna-binding(HMM:1.2e-26) |
| 12428 | 357107_1.R1040 | myb_dna-binding(HMM:1.2e-37) |
| 12429 | 70949_1.R1040 | myb_dna-binding(HMM:1.2e-59) |
| 12430 | uC-gmflminsoy044a10b1 | myb_dna-binding(HMM:1.3e-09) |
| 12431 | seb700653418.h1 | myb_dna-binding(HMM:1.3e-12) |
| 12432 | kl1701213550.h1 | myb_dna-binding(HMM:1.3e-20) |
| 12433 | 84019_1.R1040 | myb_dna-binding(HMM:1.4e-16) |
| 12434 | 176584_1.R1040 | myb_dna-binding(HMM:1.4e-20) |
| 12435 | 34995_1.R1040 | myb_dna-binding(HMM:1.4e-39) |
| 12436 | uC-gmropic018d09b1 | myb_dna-binding(HMM:1.5) |
| 12437 | 21460_1.R1040 | myb_dna-binding(HMM:1.5e-10) |
| 12438 | uC-gmflminsoy117h06b1 | myb_dna-binding(HMM:1.5e-16) |
| 12439 | kl1701214851.h1 | myb_dna-binding(HMM:1.5e-17) |
| 12440 | zsg701122944.h1 | myb_dna-binding(HMM:1.5e-19) |
| 12441 | gsv701052317.h1 | myb_dna-binding(HMM:1.5e-21) |
| 12442 | 777_1.R1040 | myb_dna-binding(HMM:1.5e-27) |
| 12443 | 2141_1.R1040 | myb_dna-binding(HMM:1.5e-43) |
| 12444 | 48087_1.R1040 | myb_dna-binding(HMM:1.6e-07) |
| 12445 | uC-gmropic013e04b1 | myb_dna-binding(HMM:1.6e-12) |
| 12446 | 180_2.R1040 | myb_dna-binding(HMM:1.7) |
| 12447 | 31738_1.R1040 | myb_dna-binding(HMM:1.7e-05) |
| 12448 | awf700838727.h1 | myb_dna-binding(HMM:1.7e-07) |
| 12449 | 47105_3.R1040 | myb_dna-binding(HMM:1.7e-17) |
| 12450 | g5606179 | myb_dna-binding(HMM:1.9) |
| 12451 | 71223_1.R1040 | myb_dna-binding(HMM:1.9e-05) |
| 12452 | sat701005343.h1 | myb_dna-binding(HMM:1.9e-06) |
| 12453 | 9862_1.R1040 | myb_dna-binding(HMM:1.9e-25) |
| 12454 | LIB3170-049-Q1-K2-B6 | myb_dna-binding(HMM:1e-06) |
| 12455 | 19360_1.R1040 | myb_dna-binding(HMM:1e-40) |
| 12456 | 24366_2.R1040 | myb_dna-binding(HMM:1e-41) |
| 12457 | jC-gmro02910002f03a1 | myb_dna-binding(HMM:1e-41) |
| 12458 | 16930_2.R1040 | myb_dna-binding(HMM:2.1e-12) |

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| 12459 | 260476_1.R1040 | myb_dna-binding(HMM:2.1e-19) |
| 12460 | 19607_1.R1040 | myb_dna-binding(HMM:2.1e-38) |
| 12461 | 144489_1.R1040 | myb_dna-binding(HMM:2.2e-10) |
| 12462 | rlr700896705.h1 | myb_dna-binding(HMM:2.2e-20) |
| 12463 | 245623_1.R1040 | myb_dna-binding(HMM:2.2e-23) |
| 12464 | 47105_2.R1040 | myb_dna-binding(HMM:2.2e-35) |
| 12465 | 245483_1.R1040 | myb_dna-binding(HMM:2.3e-20) |
| 12466 | 62966_2.R1040 | myb_dna-binding(HMM:2.3e-26) |
| 12467 | 149248_1.R1040 | myb_dna-binding(HMM:2.3e-46) |
| 12468 | 75514_1.R1040 | myb_dna-binding(HMM:2.4e-06) |
| 12469 | eep700867030.h1 | myb_dna-binding(HMM:2.4e-07) |
| 12470 | 248951_1.R1040 | myb_dna-binding(HMM:2.4e-12) |
| 12471 | jC-gmro02910020f04a1 | myb_dna-binding(HMM:2.5e-06) |
| 12472 | 172305_1.R1040 | myb_dna-binding(HMM:2.5e-07) |
| 12473 | 3364_2.R1040 | myb_dna-binding(HMM:2.5e-09) |
| 12474 | 188397_1.R1040 | myb_dna-binding(HMM:2.5e-20) |
| 12475 | 112119_1.R1040 | myb_dna-binding(HMM:2.6e-06) |
| 12476 | 171008_1.R1040 | myb_dna-binding(HMM:2.6e-12) |
| 12477 | 96749_2.R1040 | myb_dna-binding(HMM:2.6e-12) |
| 12478 | uC-gmrominsoy229c02b1 | myb_dna-binding(HMM:2.6e-16) |
| 12479 | sat701007423.h2 | myb_dna-binding(HMM:2.7e-06) |
| 12480 | zsg701123350.h1 | myb_dna-binding(HMM:2.8e-05) |
| 12481 | 194126_1.R1040 | myb_dna-binding(HMM:2.8e-18) |
| 12482 | pmv700890204.h1 | myb_dna-binding(HMM:2e-08) |
| 12483 | 3217_1.R1040 | myb_dna-binding(HMM:2e-11) |
| 12484 | LIB3051-078-Q1-K1-E6 | myb_dna-binding(HMM:2e-19) |
| 12485 | 3864_1.R1040 | myb_dna-binding(HMM:2e-36) |
| 12486 | uC-gmronoir056c06b1 | myb_dna-binding(HMM:3.1e-05) |
| 12487 | 20030_1.R1040 | myb_dna-binding(HMM:3.1e-44) |
| 12488 | 775_1.R1040 | myb_dna-binding(HMM:3.2e-45) |
| 12489 | 180_3.R1040 | myb_dna-binding(HMM:3.4e-20) |
| 12490 | 24366_1.R1040 | myb_dna-binding(HMM:3.4e-42) |
| 12491 | jC-gmro02910009c07a1 | myb_dna-binding(HMM:3.5e-29) |
| 12492 | 780_1.R1040 | myb_dna-binding(HMM:3.5e-42) |
| 12493 | fua701040606.h1 | myb_dna-binding(HMM:3.6e-05) |
| 12494 | LIB3039-030-Q1-E1-F11 | myb_dna-binding(HMM:3.6e-20) |
| 12495 | 779_1.R1040 | myb_dna-binding(HMM:3.6e-30) |
| 12496 | LIB3139-072-P1-N1-D11 | myb_dna-binding(HMM:3.6e-37) |
| 12497 | 20051_2.R1040 | myb_dna-binding(HMM:3.7e-18) |
| 12498 | jex700907805.h1 | myb_dna-binding(HMM:3.7e-19) |
| 12499 | 247674_1.R1040 | myb_dna-binding(HMM:3.7e-37) |
| 12500 | 5100_1.R1040 | myb_dna-binding(HMM:3.8) |
| 12501 | zsg701129720.h1 | myb_dna-binding(HMM:3.8e-07) |
| 12502 | 257832_1.R1040 | myb_dna-binding(HMM:3.8e-41) |
| 12503 | 7213_2.R1040 | myb_dna-binding(HMM:3.8e-41) |
| 12504 | 250760_1.R1040 | myb_dna-binding(HMM:3.9e-21) |
| 12505 | LIB3139-114-P1-N1-H8 | myb_dna-binding(HMM:3.9e-35) |
| 12506 | 2210_1.R1040 | myb_dna-binding(HMM:3e-11) |
| 12507 | pmv700888167.h1 | myb_dna-binding(HMM:4.1e-17) |
| 12508 | 107498_1.R1040 | myb_dna-binding(HMM:4.1e-19) |
| 12509 | 34995_3.R1040 | myb_dna-binding(HMM:4.2e-16) |
| 12510 | LIB3109-021-Q1-K1-D10 | myb_dna-binding(HMM:4.3) |
| 12511 | uC-gmrominsoy098d02b1 | myb_dna-binding(HMM:4.3e-20) |
| 12512 | 42909_1.R1040 | myb_dna-binding(HMM:4.3e-26) |

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| 12513 | LIB3139-094-P1-N1-C12 | myb_dna-binding(HMM:4.5e-06) |
| 12514 | 28901_1.R1040 | myb_dna-binding(HMM:4.5e-18) |
| 12515 | jsh701066326.h1 | myb_dna-binding(HMM:4.6e-14) |
| 12516 | 118297_1.R1040 | myb_dna-binding(HMM:4.8e-10) |
| 12517 | 7213_1.R1040 | myb_dna-binding(HMM:4.8e-20) |
| 12518 | 1591_2.R1040 | myb_dna-binding(HMM:4.8e-40) |
| 12519 | 82562_1.R1040 | myb_dna-binding(HMM:4.8e-40) |
| 12520 | 176512_1.R1040 | myb_dna-binding(HMM:4.9e-06) |
| 12521 | 266605_1.R1040 | myb_dna-binding(HMM:4.9e-07) |
| 12522 | 59030_1.R1040 | myb_dna-binding(HMM:4.9e-10) |
| 12523 | vwf700679623.h1 | myb_dna-binding(HMM:4.9e-11) |
| 12524 | zhf700957658.h1 | myb_dna-binding(HMM:4.9e-14) |
| 12525 | asn701138849.h1 | myb_dna-binding(HMM:4e-14) |
| 12526 | 139809_1.R1040 | myb_dna-binding(HMM:4e-21) |
| 12527 | 62966_1.R1040 | myb_dna-binding(HMM:4e-41) |
| 12528 | 257894_1.R1040 | myb_dna-binding(HMM:4e-43) |
| 12529 | epx701106671.h1 | myb_dna-binding(HMM:5.1e-05) |
| 12530 | LIB3028-034-Q1-B1-B10 | myb_dna-binding(HMM:5.2e-07) |
| 12531 | 57011_1.R1040 | myb_dna-binding(HMM:5.3e-35) |
| 12532 | 47105_1.R1040 | myb_dna-binding(HMM:5.4e-09) |
| 12533 | 1591_1.R1040 | myb_dna-binding(HMM:5.4e-43) |
| 12534 | leu701150368.h1 | myb_dna-binding(HMM:5.5e-23) |
| 12535 | uC-gmrominsoy223d02b1 | myb_dna-binding(HMM:5.6) |
| 12536 | zzp700835878.h1 | myb_dna-binding(HMM:5.8e-05) |
| 12537 | 121488_1.R1040 | myb_dna-binding(HMM:5.8e-09) |
| 12538 | 203_1.R1040 | myb_dna-binding(HMM:5.8e-19) |
| 12539 | crh700850631.h1 | myb_dna-binding(HMM:5.9e-11) |
| 12540 | LIB3107-012-Q1-K1-H10 | myb_dna-binding(HMM:5e-10) |
| 12541 | LIB3092-054-Q1-K1-A2 | myb_dna-binding(HMM:6.1e-14) |
| 12542 | uC-gmrominsoy115e11b1 | myb_dna-binding(HMM:6.1e-20) |
| 12543 | 3364_1.R1040 | myb_dna-binding(HMM:6.2e-10) |
| 12544 | 9862_2.R1040 | myb_dna-binding(HMM:6.2e-12) |
| 12545 | LIB3106-090-Q1-K1-F5 | myb_dna-binding(HMM:6.7e-11) |
| 12546 | 4876_1.R1040 | myb_dna-binding(HMM:6.8e-10) |
| 12547 | 302312_1.R1040 | myb_dna-binding(HMM:6.9e-12) |
| 12548 | smc700745779.h1 | myb_dna-binding(HMM:6e-05) |
| 12549 | 71891_1.R1040 | myb_dna-binding(HMM:7.2e-11) |
| 12550 | 1908_3.R1040 | myb_dna-binding(HMM:7.2e-42) |
| 12551 | 80576_1.R1040 | myb_dna-binding(HMM:7.4e-37) |
| 12552 | 1580_2.R1040 | myb_dna-binding(HMM:7.5e-10) |
| 12553 | LIB3028-027-Q1-B2-G6 | myb_dna-binding(HMM:7.5e-12) |
| 12554 | 21476_1.R1040 | myb_dna-binding(HMM:7.6e-11) |
| 12555 | rca700999647.h1 | myb_dna-binding(HMM:7.6e-12) |
| 12556 | 4275_1.R1040 | myb_dna-binding(HMM:7.6e-46) |
| 12557 | 171890_1.R1040 | myb_dna-binding(HMM:7.7e-19) |
| 12558 | LIB3109-053-Q1-K1-D12 | myb_dna-binding(HMM:7.8e-06) |
| 12559 | 80067_1.R1040 | myb_dna-binding(HMM:7.8e-37) |
| 12560 | jsh701068223.h1 | myb_dna-binding(HMM:8.3e-18) |
| 12561 | 16930_1.R1040 | myb_dna-binding(HMM:8.6e-05) |
| 12562 | 65835_1.R1040 | myb_dna-binding(HMM:8.8e-12) |
| 12563 | jex700906279.h1 | myb_dna-binding(HMM:8.8e-17) |
| 12564 | 20051_1.R1040 | myb_dna-binding(HMM:8.8e-18) |
| 12565 | 47105_4.R1040 | myb_dna-binding(HMM:8.8e-35) |
| 12566 | 776_1.R1040 | myb_dna-binding(HMM:8e-40) |

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| 12567 | 64155_1.R1040 | myb_dna-binding(HMM:9.3) |
| 12568 | jC-gmst02400009c05a1 | myb_dna-binding(HMM:9.4e-10) |
| 12569 | 1908_1.R1040 | myb_dna-binding(HMM:9.4e-43) |
| 12570 | 70302_1.R1040 | myb_dna-binding(HMM:9.5e-11) |
| 12571 | 6778_1.R1040 | myb_dna-binding(HMM:9.6e-22) |
| 12572 | 243023_1.R1040 | myb_dna-binding(HMM:9.9e-20) |
| 12573 | 222514_1.R1040 | myb_dna-binding(HMM:9e-42) |
| 12574 | 278162_1.R1040 | nam(HMM:0.00026) |
| 12575 | LIB3092-021-Q1-K1-B7 | nam(HMM:0.00061) |
| 12576 | txt700736976.h1 | nam(HMM:0.0007) |
| 12577 | 22509_1.R1040 | nam(HMM:0.0011) |
| 12578 | 15673_1.R1040 | nam(HMM:0.002) |
| 12579 | jC-gmfl02220127e09a1 | nam(HMM:0.0026) |
| 12580 | uC-gmropic061g02b1 | nam(HMM:0.0028) |
| 12581 | 950_3.R1040 | nam(HMM:0.0035) |
| 12582 | LIB3051-085-Q1-K1-E5 | nam(HMM:0.0047) |
| 12583 | fde700874479.h1 | nam(HMM:0.005) |
| 12584 | 107040_1.R1040 | nam(HMM:0.016) |
| 12585 | 50066_1.R1040 | nam(HMM:0.017) |
| 12586 | 83251_3.R1040 | nam(HMM:0.017) |
| 12587 | LIB3138-042-Q1-N1-C2 | nam(HMM:0.023) |
| 12588 | fua701041472.h1 | nam(HMM:0.024) |
| 12589 | jex700907943.h1 | nam(HMM:0.058) |
| 12590 | LIB3170-055-Q1-K1-C1 | nam(HMM:0.08) |
| 12591 | pmv700890165.h1 | nam(HMM:0.19) |
| 12592 | zsg701130443.h1 | nam(HMM:0.25) |
| 12593 | 62967_2.R1040 | nam(HMM:1.1e-09) |
| 12594 | 49984_1.R1040 | nam(HMM:1.1e-39) |
| 12595 | 34859_1.R1040 | nam(HMM:1.1e-41) |
| 12596 | 16783_6.R1040 | nam(HMM:1.1e-81) |
| 12597 | 214388_1.R1040 | nam(HMM:1.2e-05) |
| 12598 | zsg701123582.h1 | nam(HMM:1.2e-07) |
| 12599 | 28563_1.R1040 | nam(HMM:1.2e-83) |
| 12600 | 950_2.R1040 | nam(HMM:1.2e-84) |
| 12601 | 20975_1.R1040 | nam(HMM:1.3e-82) |
| 12602 | xpa700792796.h1 | nam(HMM:1.4e-10) |
| 12603 | 16783_2.R1040 | nam(HMM:1.4e-33) |
| 12604 | 191901_1.R1040 | nam(HMM:1.5e-09) |
| 12605 | 7262_1.R1040 | nam(HMM:1.5e-71) |
| 12606 | 209717_1.R1040 | nam(HMM:1.6e-59) |
| 12607 | 950_6.R1040 | nam(HMM:1.7e-08) |
| 12608 | jex700903290.h1 | nam(HMM:1.7e-08) |
| 12609 | sat701003436.h1 | nam(HMM:1.7e-09) |
| 12610 | LIB3092-046-Q1-K1-D7 | nam(HMM:1.7e-10) |
| 12611 | 4749_3.R1040 | nam(HMM:1.8e-73) |
| 12612 | 4937_2.R1040 | nam(HMM:1e-36) |
| 12613 | 64148_1.R1040 | nam(HMM:1e-43) |
| 12614 | 183014_1.R1040 | nam(HMM:1e-66) |
| 12615 | 100436_1.R1040 | nam(HMM:2.1e-07) |
| 12616 | 31540_1.R1040 | nam(HMM:2.1e-76) |
| 12617 | 83251_6.R1040 | nam(HMM:2.3e-06) |
| 12618 | LIB3028-036-Q1-B1-H1 | nam(HMM:2.3e-41) |
| 12619 | jex700908442.h1 | nam(HMM:2.4e-10) |
| 12620 | 23655_1.R1040 | nam(HMM:2.4e-88) |

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| 12621 | zhf700954809.h1 | nam(HMM:2.5e-18) |
| 12622 | 2989_2.R1040 | nam(HMM:2.5e-75) |
| 12623 | 26446_1.R1040 | nam(HMM:2.5e-76) |
| 12624 | ssr700555303.h1 | nam(HMM:2.6e-08) |
| 12625 | 75484_1.R1040 | nam(HMM:2.8e-17) |
| 12626 | zlv700807675.h1 | nam(HMM:2.8e-22) |
| 12627 | 174243_1.R1040 | nam(HMM:2.9e-05) |
| 12628 | 950_1.R1040 | nam(HMM:2.9e-84) |
| 12629 | LIB3170-071-Q1-J1-E9 | nam(HMM:2e-06) |
| 12630 | 7262_2.R1040 | nam(HMM:3.1e-06) |
| 12631 | 33057_1.R1040 | nam(HMM:3.1e-20) |
| 12632 | 4749_2.R1040 | nam(HMM:3.1e-34) |
| 12633 | LIB3092-007-Q1-K1-G3 | nam(HMM:3.3e-06) |
| 12634 | 79728_1.R1040 | nam(HMM:3.4e-89) |
| 12635 | 100436_2.R1040 | nam(HMM:3.5e-05) |
| 12636 | LIB3139-025-P1-N1-C11 | nam(HMM:3.6e-20) |
| 12637 | 117417_1.R1040 | nam(HMM:3.7e-12) |
| 12638 | 950_5.R1040 | nam(HMM:3.7e-82) |
| 12639 | jC-gmfl02220086d01a1 | nam(HMM:3.8e-14) |
| 12640 | 171_25.R1040 | nam(HMM:3.8e-33) |
| 12641 | LIB3051-016-Q1-E1-F9 | nam(HMM:3.8e-33) |
| 12642 | 72499_1.R1040 | nam(HMM:3.9e-05) |
| 12643 | 83251_1.R1040 | nam(HMM:3e-10) |
| 12644 | 2459_1.R1040 | nam(HMM:3e-53) |
| 12645 | LIB3093-046-Q1-K1-A1 | nam(HMM:4.1e-07) |
| 12646 | 5121_1.R1040 | nam(HMM:4.1e-08) |
| 12647 | 4937_1.R1040 | nam(HMM:4.1e-80) |
| 12648 | LIB3093-017-Q1-K2-C2 | nam(HMM:4.2e-09) |
| 12649 | 4937_3.R1040 | nam(HMM:4.4e-06) |
| 12650 | fua701042317.h1 | nam(HMM:4.4e-12) |
| 12651 | uC-gmrominsoy261a05b1 | nam(HMM:4.5e-50) |
| 12652 | 213051_1.R1040 | nam(HMM:4.6e-15) |
| 12653 | zhf700963825.h1 | nam(HMM:4.6e-20) |
| 12654 | 16173_1.R1040 | nam(HMM:4.6e-21) |
| 12655 | uC-gmflminsoy001f04b1 | nam(HMM:4.6e-21) |
| 12656 | 221624_1.R1040 | nam(HMM:5.2e-08) |
| 12657 | crh700850986.h1 | nam(HMM:5.4e-08) |
| 12658 | 5442_1.R1040 | nam(HMM:5.5e-09) |
| 12659 | LIB3056-003-Q1-N1-G7 | nam(HMM:5.5e-43) |
| 12660 | LIB3167-002-Q1-K1-D9 | nam(HMM:5.6e-25) |
| 12661 | 4749_1.R1040 | nam(HMM:5.6e-84) |
| 12662 | rlr700896888.h1 | nam(HMM:5.7e-05) |
| 12663 | 105492_1.R1040 | nam(HMM:5.7e-36) |
| 12664 | 27026_1.R1040 | nam(HMM:5.8e-40) |
| 12665 | LIB3139-065-P1-N1-E3 | nam(HMM:5.9e-22) |
| 12666 | trc700567730.h1 | nam(HMM:5e-05) |
| 12667 | 242869_1.R1040 | nam(HMM:6) |
| 12668 | LIB3106-060-Q1-K1-E1 | nam(HMM:6.2e-10) |
| 12669 | uC-gmrominsoy049d08b1 | nam(HMM:6.3e-28) |
| 12670 | 153402_1.R1040 | nam(HMM:6.8e-09) |
| 12671 | LIB3170-078-Q1-K1-F10 | nam(HMM:6.9) |
| 12672 | LIB3092-045-Q1-K1-A10 | nam(HMM:7.2e-06) |
| 12673 | 271883_1.R1040 | nam(HMM:7.3e-11) |
| 12674 | 4301_1.R1040 | nam(HMM:7.4e-88) |

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| 12675 | uC-gmrominsoy314f04b1 | nam(HMM:7.8e-07) |
| 12676 | 950_9.R1040 | nam(HMM:7.9e-35) |
| 12677 | 171_28.R1040 | nam(HMM:8.1e-40) |
| 12678 | 5121_2.R1040 | nam(HMM:8.5e-78) |
| 12679 | 21252_1.R1040 | nam(HMM:8.5e-84) |
| 12680 | LIB3139-106-P1-N1-C7 | nam(HMM:9.1e-10) |
| 12681 | uC-gmflminsoy052a04b1 | nam(HMM:9.1e-10) |
| 12682 | 171_12.R1040 | nam(HMM:9.3e-42) |
| 12683 | 2989_1.R1040 | nam(HMM:9.3e-86) |
| 12684 | 1957_4.R1040 | nam(HMM:9.6e-24) |
| 12685 | 135443_1.R1040 | nap_family(HMM:0.00026) |
| 12686 | 285699_1.R1040 | nap_family(HMM:1.1e-09) |
| 12687 | 614_1.R1040 | nap_family(HMM:1.2e-141) |
| 12688 | 614_2.R1040 | nap_family(HMM:1.8e-135) |
| 12689 | rlr700899387.h1 | nap_family(HMM:1.9e-07) |
| 12690 | 614_4.R1040 | nap_family(HMM:2.4e-16) |
| 12691 | 119899_1.R1040 | nap_family(HMM:2.6e-16) |
| 12692 | uC-gmrominsoy032d03b1 | nap_family(HMM:4.8e-24) |
| 12693 | 6106_1.R1040 | nap_family(HMM:7.1e-05) |
| 12694 | 13433_1.R1040 | nap_family(HMM:7.9e-10) |
| 12695 | uC-gmflminsoy034g10b1 | nap_family(HMM:9.7e-22) |
| 12696 | 27490_1.R1040 | phd(HMM:0.00012) |
| 12697 | fua701042662.h1 | phd(HMM:0.00019) |
| 12698 | 36243_1.R1040 | phd(HMM:0.00042) |
| 12699 | uC-gmflminsoy049c10b1 | phd(HMM:0.00057) |
| 12700 | 193369_1.R1040 | phd(HMM:0.00092) |
| 12701 | 143342_1.R1040 | phd(HMM:0.0011) |
| 12702 | 26300_1.R1040 | phd(HMM:0.0012) |
| 12703 | 17364_1.R1040 | phd(HMM:0.0098) |
| 12704 | 283013_1.R1040 | phd(HMM:0.016) |
| 12705 | txt700735931.h1 | phd(HMM:0.057) |
| 12706 | 105132_1.R1040 | phd(HMM:0.063) |
| 12707 | g5342387 | phd(HMM:0.066) |
| 12708 | 44068_1.R1040 | phd(HMM:0.068) |
| 12709 | 10868_1.R1040 | phd(HMM:0.079) |
| 12710 | 170309_1.R1040 | phd(HMM:0.088) |
| 12711 | awf700840012.h1 | phd(HMM:0.1) |
| 12712 | 178799_1.R1040 | phd(HMM:0.11) |
| 12713 | 43239_1.R1040 | phd(HMM:0.11) |
| 12714 | zhf700953563.h1 | phd(HMM:0.12) |
| 12715 | 177071_1.R1040 | phd(HMM:0.19) |
| 12716 | 22589_1.R1040 | phd(HMM:0.25) |
| 12717 | kmv700738858.h1 | phd(HMM:0.32) |
| 12718 | 92884_1.R1040 | phd(HMM:0.61) |
| 12719 | LIB3074-020-Q1-E1-F7 | phd(HMM:1.1e-06) |
| 12720 | gsv701051914.h1 | phd(HMM:1.2e-05) |
| 12721 | 25649_1.R1040 | phd(HMM:1.2e-08) |
| 12722 | uC-gmrominsoy277f07b1 | phd(HMM:1.2e-08) |
| 12723 | 28814_1.R1040 | "phd(HMM:1.2e-08),zf-c3hc4(HMM:0.0029)" |
| 12724 | 187712_1.R1040 | phd(HMM:1.3) |
| 12725 | uC-gmronoir030c05b1 | phd(HMM:1.4e-05) |
| 12726 | 199515_1.R1040 | phd(HMM:1.4e-07) |
| 12727 | 22750_1.R1040 | phd(HMM:1.4e-11) |

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| 12728 | 4392_2.R1040 | phd(HMM:1.6e-05) |
| 12729 | 36464_1.R1040 | phd(HMM:1.7e-08) |
| 12730 | LIB3051-035-Q1-K1-E3 | phd(HMM:1.9e-09) |
| 12731 | uxk700670734.h1 | phd(HMM:2.1) |
| 12732 | 12175_1.R1040 | phd(HMM:2.2e-13) |
| 12733 | uC-gmflminsoy064a08b1 | phd(HMM:2.4e-05) |
| 12734 | leu701147512.h1 | phd(HMM:2.5e-05) |
| 12735 | 127472_1.R1040 | phd(HMM:2.6) |
| 12736 | pxt700945325.h1 | phd(HMM:2.7e-09) |
| 12737 | jC-gmle01810010c06a1 | phd(HMM:2e-08) |
| 12738 | 32404_1.R1040 | phd(HMM:3.7e-09) |
| 12739 | 21661_1.R1040 | phd(HMM:4e-10) |
| 12740 | sat701013026.h1 | phd(HMM:5.5e-06) |
| 12741 | 188899_1.R1040 | phd(HMM:6.3e-14) |
| 12742 | LIB3051-007-Q1-E1-H12 | phd(HMM:9.2e-06) |
| 12743 | 271051_1.R1040 | response_reg(HMM:0.00054) |
| 12744 | 85237_1.R1040 | response_reg(HMM:0.00056) |
| 12745 | 35397_1.R1040 | response_reg(HMM:0.00058) |
| 12746 | 105436_1.R1040 | response_reg(HMM:0.00089) |
| 12747 | fua701039913.h1 | response_reg(HMM:0.001) |
| 12748 | zzp700835470.h1 | response_reg(HMM:0.0011) |
| 12749 | leu701151793.h1 | response_reg(HMM:0.0021) |
| 12750 | uC-gmropic009c02b1 | response_reg(HMM:0.0023) |
| 12751 | kli701210281.h1 | response_reg(HMM:0.003) |
| 12752 | fde700871314.h1 | response_reg(HMM:0.0065) |
| 12753 | 75868_1.R1040 | response_reg(HMM:0.018) |
| 12754 | dvp701097689.h1 | response_reg(HMM:0.024) |
| 12755 | uC-gmropic061b05b1 | response_reg(HMM:0.04) |
| 12756 | 73518_3.R1040 | response_reg(HMM:0.18) |
| 12757 | jC-gmle01810063c02a1 | response_reg(HMM:1.1e-15) |
| 12758 | 124583_1.R1040 | response_reg(HMM:1.3e-05) |
| 12759 | LIB3139-088-P1-N1-F8 | response_reg(HMM:1.3e-19) |
| 12760 | 72381_1.R1040 | response_reg(HMM:1.3e-28) |
| 12761 | zsg701118832.h1 | response_reg(HMM:1.4) |
| 12762 | LIB3109-012-Q1-K1-E5 | response_reg(HMM:1.4e-08) |
| 12763 | uC-gmropic044a03b1 | response_reg(HMM:1.7e-09) |
| 12764 | g4395737 | response_reg(HMM:1.9e-10) |
| 12765 | 5581_1.R1040 | response_reg(HMM:1.9e-13) |
| 12766 | jC-gmfl02220130a12d1 | response_reg(HMM:1e-06) |
| 12767 | 25884_1.R1040 | response_reg(HMM:2.2e-06) |
| 12768 | 73518_4.R1040 | response_reg(HMM:2.7e-11) |
| 12769 | 29380_1.R1040 | response_reg(HMM:3.1e-11) |
| 12770 | asn701131711.h1 | response_reg(HMM:3.4e-06) |
| 12771 | 45325_2.R1040 | response_reg(HMM:4.2e-34) |
| 12772 | gsv701054924.h1 | response_reg(HMM:4.4e-05) |
| 12773 | 17563_1.R1040 | response_reg(HMM:4.7e-13) |
| 12774 | 233110_1.R1040 | response_reg(HMM:4e-05) |
| 12775 | 73518_2.R1040 | response_reg(HMM:5.8e-08) |
| 12776 | g2407791_FL | response_reg(HMM:6) |
| 12777 | 18103_1.R1040 | response_reg(HMM:6e-05) |
| 12778 | 45256_1.R1040 | response_reg(HMM:7.4e-26) |
| 12779 | LIB3087-003-Q1-K1-B2 | response_reg(HMM:7.5e-06) |
| 12780 | 101194_1.R1040 | response_reg(HMM:7.8e-37) |
| 12781 | 73283_1.R1040 | response_reg(HMM:8.4e-33) |

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| 12782 | 6815_1.R1040 | response_reg(HMM:8.5e-15) |
| 12783 | 48962_1.R1040 | response_reg(HMM:8.5e-16) |
| 12784 | wrg700792139.h1 | response_reg(HMM:9.1e-07) |
| 12785 | LIB3138-130-Q1-N1-B4 | response_reg(HMM:9.4e-05) |
| 12786 | 241475_2.R1040 | sbpb(HMM:0.00018) |
| 12787 | LIB3093-052-Q1-K1-H5 | sbpb(HMM:0.00097) |
| 12788 | zzp700834064.h1 | sbpb(HMM:0.0011) |
| 12789 | 96796_1.R1040 | sbpb(HMM:0.81) |
| 12790 | 944_1.R1040 | sbpb(HMM:1.2e-41) |
| 12791 | txt700734849.h1 | sbpb(HMM:1.3e-38) |
| 12792 | 271757_1.R1040 | sbpb(HMM:2.6e-19) |
| 12793 | 25838_1.R1040 | sbpb(HMM:2.7e-42) |
| 12794 | zhf700959795.h1 | sbpb(HMM:3.1e-36) |
| 12795 | 241475_1.R1040 | sbpb(HMM:3.8e-19) |
| 12796 | LIB3039-011-Q1-E1-G1 | sbpb(HMM:4.1) |
| 12797 | 4787_1.R1040 | sbpb(HMM:4.5e-43) |
| 12798 | LIB3138-105-Q1-N1-F7 | sbpb(HMM:5.7e-06) |
| 12799 | 244791_1.R1040 | scr(HMM:0.00034) |
| 12800 | 17966_1.R1040 | scr(HMM:0.00069) |
| 12801 | 101957_1.R1040 | scr(HMM:0.0023) |
| 12802 | 142103_1.R1040 | scr(HMM:0.0034) |
| 12803 | 48649_2.R1040 | scr(HMM:0.006) |
| 12804 | fC-gmfl700903946h1 | scr(HMM:0.007) |
| 12805 | LIB3106-102-Q1-K1-C2 | scr(HMM:0.0085) |
| 12806 | 41704_1.R1040 | scr(HMM:0.015) |
| 12807 | jC-gmfl02220090c02d1 | scr(HMM:0.56) |
| 12808 | 3547_1.R1040 | scr(HMM:1.1e-151) |
| 12809 | ncj700975650.h1 | scr(HMM:1.1e-31) |
| 12810 | 121932_1.R1040 | scr(HMM:1.3e-06) |
| 12811 | 43691_1.R1040 | scr(HMM:1.3e-09) |
| 12812 | 80336_1.R1040 | scr(HMM:1.3e-22) |
| 12813 | 285340_1.R1040 | scr(HMM:1.4e-05) |
| 12814 | 8204_1.R1040 | scr(HMM:1.4e-08) |
| 12815 | wrg700789403.h2 | scr(HMM:1.4e-22) |
| 12816 | 181714_1.R1040 | scr(HMM:1.5e-05) |
| 12817 | LIB3028-021-Q1-B1-B5 | scr(HMM:1.6e-10) |
| 12818 | 19625_4.R1040 | scr(HMM:1.8e-09) |
| 12819 | 81164_1.R1040 | scr(HMM:1.9e-106) |
| 12820 | 1377_1.R1040 | scr(HMM:1.9e-49) |
| 12821 | 19582_1.R1040 | scr(HMM:1e-14) |
| 12822 | rlr700900211.h1 | scr(HMM:2.1e-12) |
| 12823 | 7491_1.R1040 | scr(HMM:2.1e-13) |
| 12824 | 108854_1.R1040 | scr(HMM:2.3e-11) |
| 12825 | 19625_2.R1040 | scr(HMM:2.3e-11) |
| 12826 | wrg700789643.h2 | scr(HMM:2.4e-06) |
| 12827 | jex700908128.h1 | scr(HMM:2.4e-08) |
| 12828 | 19737_1.R1040 | scr(HMM:2.4e-13) |
| 12829 | 102573_1.R1040 | scr(HMM:2.4e-47) |
| 12830 | 33972_1.R1040 | scr(HMM:2.5e-74) |
| 12831 | jex700904893.h1 | scr(HMM:2.6e-10) |
| 12832 | 48649_1.R1040 | scr(HMM:2.6e-164) |
| 12833 | 103055_1.R1040 | scr(HMM:2.8e-06) |
| 12834 | klf701204934.h1 | scr(HMM:2e-09) |
| 12835 | vwf700676535.h1 | scr(HMM:3.1e-15) |

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| 12836 | 102345_1.R1040 | scr(HMM:3.2e-13) |
| 12837 | trc700565486.h1 | scr(HMM:3.4e-13) |
| 12838 | sat701009339.h1 | scr(HMM:3.4e-25) |
| 12839 | 76507_1.R1040 | scr(HMM:3.7e-24) |
| 12840 | 27377_1.R1040 | scr(HMM:3.8) |
| 12841 | LIB3138-015-Q1-N1-D12 | scr(HMM:3.8e-26) |
| 12842 | g4292932 | scr(HMM:3.9) |
| 12843 | 19905_1.R1040 | scr(HMM:3.9e-08) |
| 12844 | 12831_1.R1040 | scr(HMM:4.1e-121) |
| 12845 | 76513_1.R1040 | scr(HMM:4.1e-60) |
| 12846 | hrw701060534.h1 | scr(HMM:4.2e-37) |
| 12847 | 45639_1.R1040 | scr(HMM:4.6e-08) |
| 12848 | 78501_1.R1040 | scr(HMM:4.6e-08) |
| 12849 | awf700837816.h1 | scr(HMM:4.9e-20) |
| 12850 | fua701043180.h1 | scr(HMM:4.9e-29) |
| 12851 | eep700867665.h1 | scr(HMM:4e-05) |
| 12852 | uC-gmrominsoy171c07b1 | scr(HMM:6.7e-06) |
| 12853 | dpv701099003.h1 | scr(HMM:6.7e-27) |
| 12854 | 25740_1.R1040 | scr(HMM:6.8e-08) |
| 12855 | smc700749025.h1 | scr(HMM:6.8e-10) |
| 12856 | 58336_1.R1040 | scr(HMM:6.8e-20) |
| 12857 | 310076_1.R1040 | scr(HMM:7.1e-08) |
| 12858 | LIB3051-047-Q1-K1-H7 | scr(HMM:7.1e-15) |
| 12859 | 27171_1.R1040 | scr(HMM:7.8e-127) |
| 12860 | zzp700831503.h1 | scr(HMM:7.9e-08) |
| 12861 | 344207_1.R1040 | scr(HMM:8.1e-06) |
| 12862 | 47329_1.R1040 | scr(HMM:8.1e-15) |
| 12863 | zzp700830681.h1 | scr(HMM:8.4e-05) |
| 12864 | 49946_1.R1040 | scr(HMM:8.8e-15) |
| 12865 | xpa700795232.h1 | scr(HMM:9.3e-14) |
| 12866 | 12169_1.R1040 | set(HMM:0.00026) |
| 12867 | pxt700942511.h1 | set(HMM:0.0013) |
| 12868 | 285750_1.R1040 | set(HMM:0.002) |
| 12869 | wrg700790260.h2 | set(HMM:0.44) |
| 12870 | LIB3051-019-Q1-E1-F3 | set(HMM:1.2e-08) |
| 12871 | 141239_1.R1040 | set(HMM:1.3) |
| 12872 | 75558_1.R1040 | set(HMM:1.5e-43) |
| 12873 | uC-gmrominsoy039d12b1 | set(HMM:1.6e-05) |
| 12874 | 70310_1.R1040 | set(HMM:2.3e-05) |
| 12875 | g5753642 | set(HMM:2.7e-21) |
| 12876 | 341694_1.R1040 | set(HMM:2e-12) |
| 12877 | 23495_1.R1040 | set(HMM:5.5e-05) |
| 12878 | 54288_1.R1040 | set(HMM:6.7e-05) |
| 12879 | LIB3049-034-Q1-E1-G9 | set(HMM:7.3) |
| 12880 | LIB3106-079-P1-K1-D1 | set(HMM:7.5e-10) |
| 12881 | pxt700944139.h1 | set(HMM:7.8e-12) |
| 12882 | 74446_1.R1040 | set(HMM:7.9e-43) |
| 12883 | zzp700835731.h1 | set(HMM:8.3e-09) |
| 12884 | 75008_1.R1040 | set(HMM:8.4) |
| 12885 | zhf700961475.h1 | snf2_n(HMM:0.00023) |
| 12886 | leu701148244.h1 | snf2_n(HMM:0.00028) |
| 12887 | wrg700787754.h2 | snf2_n(HMM:0.0071) |
| 12888 | uC-gmropic021h02b1 | snf2_n(HMM:0.037) |
| 12889 | 56644_1.R1040 | snf2_n(HMM:0.041) |

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| 12890 | LIB3170-081-Q1-J1-C11 | snf2_n(HMM:0.042) |
| 12891 | 142237_1.R1040 | snf2_n(HMM:0.86) |
| 12892 | 174356_1.R1040 | snf2_n(HMM:1.1e-08) |
| 12893 | zhf700953331.h1 | snf2_n(HMM:1.1e-29) |
| 12894 | 34522_1.R1040 | snf2_n(HMM:1.2e-08) |
| 12895 | ssr700560171.h1 | snf2_n(HMM:1.2e-11) |
| 12896 | zhf700962560.h1 | snf2_n(HMM:1.3e-05) |
| 12897 | uC-gmrominsoyl42a11b1 | snf2_n(HMM:1.4e-06) |
| 12898 | 12919_1.R1040 | snf2_n(HMM:1.5e-80) |
| 12899 | hyd700727294.h1 | snf2_n(HMM:1.6e-06) |
| 12900 | uC-gmropic080c08b1 | snf2_n(HMM:1.6e-22) |
| 12901 | 102051_1.R1040 | snf2_n(HMM:2.4e-05) |
| 12902 | 150830_1.R1040 | "snf2_n(HMM:2.5e-05),zf- c3hc4(HMM:7.3e-06)" |
| 12903 | wvk700686576.h1 | snf2_n(HMM:2.5e-09) |
| 12904 | kl1701210128.h1 | snf2_n(HMM:2.5e-12) |
| 12905 | uxk700672450.h1 | snf2_n(HMM:3.1) |
| 12906 | sat701010777.h1 | snf2_n(HMM:4.4e-09) |
| 12907 | 356297_1.R1040 | snf2_n(HMM:4.5e-12) |
| 12908 | 6670_1.R1040 | snf2_n(HMM:4.6e-09) |
| 12909 | uC-gmropic071b06b1 | snf2_n(HMM:6.2e-10) |
| 12910 | 18586_1.R1040 | snf2_n(HMM:6.4e-05) |
| 12911 | 214744_1.R1040 | snf2_n(HMM:6.5e-12) |
| 12912 | ssr700558535.h1 | snf2_n(HMM:7.1e-06) |
| 12913 | 1776_2.R1040 | snf2_n(HMM:7.2e-95) |
| 12914 | jC-gmfl02220067h09a1 | snf2_n(HMM:7.3e-05) |
| 12915 | dvp701101675.h1 | snf2_n(HMM:7.3e-13) |
| 12916 | 148395_1.R1040 | srf-tf(HMM:0.0059) |
| 12917 | 43586_3.R1040 | srf-tf(HMM:0.12) |
| 12918 | 3094_6.R1040 | srf-tf(HMM:1.1e-06) |
| 12919 | 142733_2.R1040 | srf-tf(HMM:1.3e-15) |
| 12920 | 186835_1.R1040 | srf-tf(HMM:1.3e-15) |
| 12921 | 376035_1.R1040 | srf-tf(HMM:1.3e-35) |
| 12922 | 1575_3.R1040 | srf-tf(HMM:1.3e-36) |
| 12923 | zhf700958586.h1 | srf-tf(HMM:1.3e-37) |
| 12924 | LIB3109-002-Q1-K1-F11 | srf-tf(HMM:1.4e-24) |
| 12925 | jC-gmro02910037d08a1 | srf-tf(HMM:1.5e-10) |
| 12926 | pmv700889004.h1 | srf-tf(HMM:1.5e-10) |
| 12927 | 15223_2.R1040 | srf-tf(HMM:1.7e-16) |
| 12928 | 148098_1.R1040 | srf-tf(HMM:1.7e-35) |
| 12929 | kl1701212768.h1 | srf-tf(HMM:1.8e-14) |
| 12930 | 21472_1.R1040 | srf-tf(HMM:2.1e-31) |
| 12931 | LIB3027-008-Q1-B1-E1 | srf-tf(HMM:2.1e-37) |
| 12932 | 25698_1.R1040 | srf-tf(HMM:2.3e-22) |
| 12933 | LIB3065-005-Q1-N1-B11 | srf-tf(HMM:2.4) |
| 12934 | 3077_1.R1040 | srf-tf(HMM:2.4e-37) |
| 12935 | 4672_1.R1040 | srf-tf(HMM:2.6e-35) |
| 12936 | vzy700754169.h1 | srf-tf(HMM:3.1e-19) |
| 12937 | ncj700979179.h1 | srf-tf(HMM:3.2e-16) |
| 12938 | 216137_1.R1040 | srf-tf(HMM:3.4e-06) |
| 12939 | 82602_1.R1040 | srf-tf(HMM:3.9e-31) |
| 12940 | 43586_4.R1040 | srf-tf(HMM:3e-23) |
| 12941 | g4293793 | srf-tf(HMM:3e-35) |
| 12942 | LIB3107-078-Q1-K1-H7 | srf-tf(HMM:4.1e-30) |

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| 13051 | 28237_1.R1040 | wrky(HMM:1.1e-32) |
| 13052 | LIB3139-056-P1-N1-F6 | wrky(HMM:1.2e-14) |
| 13053 | 20319_1.R1040 | wrky(HMM:1.3e-38) |
| 13054 | 20538_1.R1040 | wrky(HMM:1.3e-41) |
| 13055 | 59118_1.R1040 | wrky(HMM:1.4e-38) |
| 13056 | 55535_1.R1040 | wrky(HMM:1.4e-50) |
| 13057 | pmv700888487.h1 | wrky(HMM:1.5e-37) |
| 13058 | 203656_1.R1040 | wrky(HMM:1.5e-41) |
| 13059 | 23922_1.R1040 | wrky(HMM:1.5e-42) |
| 13060 | 203656_2.R1040 | wrky(HMM:1.6e-10) |
| 13061 | 315174_1.R1040 | wrky(HMM:1.6e-27) |
| 13062 | 4989_1.R1040 | wrky(HMM:1.6e-39) |
| 13063 | 49557_1.R1040 | wrky(HMM:1.6e-40) |
| 13064 | 20319_9.R1040 | wrky(HMM:1.7e-13) |
| 13065 | 180690_1.R1040 | wrky(HMM:1.8e-06) |
| 13066 | 210287_1.R1040 | wrky(HMM:1.8e-30) |
| 13067 | 62859_1.R1040 | wrky(HMM:1.9e-44) |
| 13068 | LIB3050-011-Q1-E1-A10 | wrky(HMM:2.1e-28) |
| 13069 | 106626_1.R1040 | wrky(HMM:2.1e-33) |
| 13070 | 2719_2.R1040 | wrky(HMM:2.2e-90) |
| 13071 | 28599_1.R1040 | wrky(HMM:2.3e-35) |
| 13072 | jex700906508.h1 | wrky(HMM:2.4e-29) |
| 13073 | txt700732134.h1 | wrky(HMM:2.5) |
| 13074 | 33911_2.R1040 | wrky(HMM:2e-16) |
| 13075 | 92768_1.R1040 | wrky(HMM:3.3e-41) |
| 13076 | 15043_1.R1040 | wrky(HMM:3.3e-44) |
| 13077 | zsg701123986.h1 | wrky(HMM:3.4) |
| 13078 | 2719_3.R1040 | wrky(HMM:3.4e-39) |
| 13079 | 33911_1.R1040 | wrky(HMM:3.6e-41) |
| 13080 | fde700874291.h1 | wrky(HMM:3.8e-06) |
| 13081 | 20857_1.R1040 | wrky(HMM:3.9e-13) |
| 13082 | LIB3050-015-Q1-E1-F6 | wrky(HMM:3e-06) |
| 13083 | jC-gmro02910037c12a1 | wrky(HMM:4.2e-32) |
| 13084 | 23922_3.R1040 | wrky(HMM:4.2e-42) |
| 13085 | 149364_1.R1040 | wrky(HMM:4.3e-06) |
| 13086 | zsg701123055.h1 | wrky(HMM:4.3e-06) |
| 13087 | 78602_1.R1040 | wrky(HMM:4.5e-39) |
| 13088 | 6HC-01-Q1-E1-B11 | wrky(HMM:4.6e-23) |
| 13089 | LIB3051-037-Q1-K1-F6 | wrky(HMM:4.6e-36) |
| 13090 | 123589_1.R1040 | wrky(HMM:4.6e-42) |
| 13091 | 20319_6.R1040 | wrky(HMM:4.9e-24) |
| 13092 | 10864_1.R1040 | wrky(HMM:4e-23) |
| 13093 | 83624_1.R1040 | wrky(HMM:6.2e-33) |
| 13094 | zzp700832484.h1 | wrky(HMM:6.4e-06) |
| 13095 | 16828_1.R1040 | wrky(HMM:6.8e-34) |
| 13096 | 175077_1.R1040 | wrky(HMM:6e-35) |
| 13097 | 26397_1.R1040 | wrky(HMM:7.1e-39) |
| 13098 | gsv701056828.h1 | wrky(HMM:7.2e-41) |
| 13099 | LIB3106-049-Q1-K1-E3 | wrky(HMM:7.3e-32) |
| 13100 | 32018_1.R1040 | wrky(HMM:7.6e-23) |
| 13101 | xpa700796339.h1 | wrky(HMM:7.7) |
| 13102 | 26104_2.R1040 | wrky(HMM:7.8e-34) |
| 13103 | 248615_1.R1040 | wrky(HMM:8.4e-38) |
| 13104 | 203592_1.R1040 | wrky(HMM:8.5e-18) |

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| 13105 | 2719_1.R1040 | wrky(HMM:8.6e-18) |
| 13106 | 28262_1.R1040 | wrky(HMM:8.8e-30) |
| 13107 | hrw701058294.h1 | wrky(HMM:9.8e-08) |
| 13108 | LIB3028-028-Q1-B1-G1 | "zf-b_box(HMM:0.00026),zf-constans(HMM:4.4e-35)" |
| 13109 | zhf700956765.h1 | "zf-b_box(HMM:0.00039),zf-constans(HMM:6.1e-18)" |
| 13110 | 5359_1.R1040 | "zf-b_box(HMM:0.0018),zf-constans(HMM:1.9e-15)" |
| 13111 | 80526_1.R1040 | "zf-b_box(HMM:0.0037),zf-constans(HMM:3.4e-35)" |
| 13112 | 24008_1.R1040 | "zf-b_box(HMM:0.0051),zf-constans(HMM:4.7e-36)" |
| 13113 | 63519_2.R1040 | "zf-b_box(HMM:0.0088),zf-constans(HMM:2.4e-31)" |
| 13114 | 32727_1.R1040 | "zf-b_box(HMM:0.011),zf-constans(HMM:5.3e-42)" |
| 13115 | crh700850745.h1 | "zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)" |
| 13116 | zhf700953734.h1 | "zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)" |
| 13117 | 6465_1.R1040 | "zf-b_box(HMM:0.028),zf-constans(HMM:1.6e-38)" |
| 13118 | 84114_1.R1040 | "zf-b_box(HMM:0.03),zf-constans(HMM:1.3e-16)" |
| 13119 | 32727_2.R1040 | "zf-b_box(HMM:0.032),zf-constans(HMM:2.9e-40)" |
| 13120 | 100383_1.R1040 | "zf-b_box(HMM:0.035),zf-constans(HMM:1.1e-17)" |
| 13121 | 32876_1.R1040 | "zf-b_box(HMM:0.036),zf-constans(HMM:6.3e-32)" |
| 13122 | 153249_1.R1040 | "zf-b_box(HMM:0.052),zf-constans(HMM:1.1e-09)" |
| 13123 | 100881_1.R1040 | "zf-b_box(HMM:0.054),zf-constans(HMM:5.7e-32)" |
| 13124 | fde700875533.h1 | "zf-b_box(HMM:0.057),zf-constans(HMM:1.7e-19)" |
| 13125 | 102998_1.R1040 | "zf-b_box(HMM:0.088),zf-constans(HMM:7.1e-09)" |
| 13126 | 58708_1.R1040 | "zf-b_box(HMM:0.094),zf-constans(HMM:9.4e-16)" |
| 13127 | 4668_1.R1040 | zf-c2h2(HMM:0.00019) |
| 13128 | LIB3109-031-Q1-K1-F7 | zf-c2h2(HMM:0.00019) |
| 13129 | LIB3170-022-Q1-J1-A2 | zf-c2h2(HMM:0.00079) |
| 13130 | g4282629 | zf-c2h2(HMM:0.0011) |
| 13131 | 35151_1.R1040 | zf-c2h2(HMM:0.0012) |
| 13132 | 46470_1.R1040 | zf-c2h2(HMM:0.0012) |
| 13133 | 46470_2.R1040 | zf-c2h2(HMM:0.0012) |
| 13134 | LIB3049-035-Q1-E1-G5 | zf-c2h2(HMM:0.0012) |
| 13135 | 126225_1.R1040 | zf-c2h2(HMM:0.0013) |
| 13136 | jC-gmle01810062b01a1 | zf-c2h2(HMM:0.0014) |
| 13137 | 320112_1.R1040 | zf-c2h2(HMM:0.0019) |
| 13138 | 15701_1.R1040 | zf-c2h2(HMM:0.0022) |
| 13139 | 185045_1.R1040 | zf-c2h2(HMM:0.0024) |

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| 13194 | 54776_1.R1040 | zf-c3hc4(HMM:0.0016) |
| 13195 | LIB3139-031-P1-N1-H3 | zf-c3hc4(HMM:0.003) |
| 13196 | 79907_1.R1040 | zf-c3hc4(HMM:0.0031) |
| 13197 | jC-gmle01810054b09a1 | zf-c3hc4(HMM:0.0032) |
| 13198 | g4314048 | zf-c3hc4(HMM:0.0034) |
| 13199 | 119_4.R1040 | zf-c3hc4(HMM:0.0035) |
| 13200 | 310511_1.R1040 | zf-c3hc4(HMM:0.0036) |
| 13201 | 6551_1.R1040 | zf-c3hc4(HMM:0.0037) |
| 13202 | crh700853019.h1 | zf-c3hc4(HMM:0.0041) |
| 13203 | LIB3170-029-Q1-J1-B11 | zf-c3hc4(HMM:0.005) |
| 13204 | 171917_1.R1040 | zf-c3hc4(HMM:0.0058) |
| 13205 | 42612_1.R1040 | zf-c3hc4(HMM:0.0068) |
| 13206 | smc700745011.h1 | zf-c3hc4(HMM:0.0071) |
| 13207 | 26812_2.R1040 | zf-c3hc4(HMM:0.0077) |
| 13208 | 99235_1.R1040 | zf-c3hc4(HMM:0.0079) |
| 13209 | 42381_1.R1040 | zf-c3hc4(HMM:0.008) |
| 13210 | jC-gmst02400060f04d1 | zf-c3hc4(HMM:0.009) |
| 13211 | 19842_1.R1040 | zf-c3hc4(HMM:0.0098) |
| 13212 | 19150_1.R1040 | zf-c3hc4(HMM:0.011) |
| 13213 | 29230_1.R1040 | zf-c3hc4(HMM:0.011) |
| 13214 | 15218_1.R1040 | zf-c3hc4(HMM:0.012) |
| 13215 | 15218_2.R1040 | zf-c3hc4(HMM:0.012) |
| 13216 | 103882_1.R1040 | zf-c3hc4(HMM:0.013) |
| 13217 | uC-gmrominsoy176h07b1 | zf-c3hc4(HMM:0.013) |
| 13218 | 161466_1.R1040 | zf-c3hc4(HMM:0.015) |
| 13219 | 292889_1.R1040 | zf-c3hc4(HMM:0.016) |
| 13220 | 21450_1.R1040 | zf-c3hc4(HMM:0.017) |
| 13221 | 16293_1.R1040 | zf-c3hc4(HMM:0.018) |
| 13222 | 60756_1.R1040 | zf-c3hc4(HMM:0.02) |
| 13223 | 194900_2.R1040 | zf-c3hc4(HMM:0.021) |
| 13224 | 59077_1.R1040 | zf-c3hc4(HMM:0.021) |
| 13225 | 3108_1.R1040 | zf-c3hc4(HMM:0.024) |
| 13226 | 57367_1.R1040 | zf-c3hc4(HMM:0.025) |
| 13227 | 132981_1.R1040 | zf-c3hc4(HMM:0.026) |
| 13228 | 26812_1.R1040 | zf-c3hc4(HMM:0.026) |
| 13229 | 36241_1.R1040 | zf-c3hc4(HMM:0.027) |
| 13230 | LIB3106-064-Q1-K1-C12 | zf-c3hc4(HMM:0.03) |
| 13231 | gsv701050091.h1 | zf-c3hc4(HMM:0.031) |
| 13232 | 116974_1.R1040 | zf-c3hc4(HMM:0.035) |
| 13233 | pxt700944140.h1 | zf-c3hc4(HMM:0.036) |
| 13234 | 170870_1.R1040 | zf-c3hc4(HMM:0.042) |
| 13235 | 2079_1.R1040 | zf-c3hc4(HMM:0.055) |
| 13236 | LIB3039-011-Q1-E1-A9 | zf-c3hc4(HMM:0.065) |
| 13237 | LIB3050-022-Q1-K1-F8 | zf-c3hc4(HMM:0.065) |
| 13238 | 45621_1.R1040 | "zf-c3hc4(HMM:0.07),zz(HMM:1e-05)" |
| 13239 | 4147_1.R1040 | zf-c3hc4(HMM:0.075) |
| 13240 | 7073_1.R1040 | zf-c3hc4(HMM:0.091) |
| 13241 | 99503_1.R1040 | zf-c3hc4(HMM:0.14) |
| 13242 | 27215_1.R1040 | zf-c3hc4(HMM:0.15) |
| 13243 | LIB3093-047-Q1-K1-B9 | zf-c3hc4(HMM:0.18) |
| 13244 | LIB3139-037-P1-N1-B3 | zf-c3hc4(HMM:0.18) |
| 13245 | 194157_1.R1040 | zf-c3hc4(HMM:0.24) |

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| 13246 | LIB3087-010-Q1-K1-D12 | zf-c3hc4(HMM:0.33) |
| 13247 | kl1701205017.h1 | zf-c3hc4(HMM:0.4) |
| 13248 | 122_7.R1040 | zf-c3hc4(HMM:0.44) |
| 13249 | 122_8.R1040 | zf-c3hc4(HMM:0.44) |
| 13250 | 122_9.R1040 | zf-c3hc4(HMM:0.44) |
| 13251 | 71978_1.R1040 | zf-c3hc4(HMM:0.5) |
| 13252 | fde700875744.h1 | zf-c3hc4(HMM:0.69) |
| 13253 | asn701142328.h1 | zf-c3hc4(HMM:1.1) |
| 13254 | 279503_1.R1040 | zf-c3hc4(HMM:1.1e-05) |
| 13255 | 1667_1.R1040 | zf-c3hc4(HMM:1.1e-08) |
| 13256 | 25430_1.R1040 | zf-c3hc4(HMM:1.1e-08) |
| 13257 | 47467_1.R1040 | zf-c3hc4(HMM:1.2e-09) |
| 13258 | LIB3106-067-P1-K1-B9 | zf-c3hc4(HMM:1.2e-09) |
| 13259 | 82187_1.R1040 | zf-c3hc4(HMM:1.2e-10) |
| 13260 | 167545_1.R1040 | zf-c3hc4(HMM:1.3e-10) |
| 13261 | 260713_1.R1040 | zf-c3hc4(HMM:1.3e-12) |
| 13262 | 27599_1.R1040 | zf-c3hc4(HMM:1.4e-08) |
| 13263 | 285676_1.R1040 | zf-c3hc4(HMM:1.4e-11) |
| 13264 | 28688_1.R1040 | zf-c3hc4(HMM:1.6e-05) |
| 13265 | LIB3050-004-Q1-E1-E5 | zf-c3hc4(HMM:1.6e-07) |
| 13266 | pxt700946025.h1 | zf-c3hc4(HMM:1.7e-09) |
| 13267 | awf700842735.h1 | zf-c3hc4(HMM:1.7e-10) |
| 13268 | 21692_1.R1040 | zf-c3hc4(HMM:1.8e-07) |
| 13269 | 174089_1.R1040 | zf-c3hc4(HMM:1.9e-10) |
| 13270 | 28062_1.R1040 | zf-c3hc4(HMM:1.9e-10) |
| 13271 | 81412_1.R1040 | zf-c3hc4(HMM:1e-09) |
| 13272 | 33145_1.R1040 | zf-c3hc4(HMM:2.1e-11) |
| 13273 | smc700749192.h1 | zf-c3hc4(HMM:2.2e-06) |
| 13274 | 48122_1.R1040 | zf-c3hc4(HMM:2.2e-08) |
| 13275 | 30158_1.R1040 | zf-c3hc4(HMM:2.4e-10) |
| 13276 | 9815_1.R1040 | zf-c3hc4(HMM:2.4e-11) |
| 13277 | 47228_1.R1040 | zf-c3hc4(HMM:2.5e-07) |
| 13278 | 1991_2.R1040 | zf-c3hc4(HMM:2.5e-08) |
| 13279 | 315949_1.R1040 | zf-c3hc4(HMM:2.6e-05) |
| 13280 | 188190_1.R1040 | zf-c3hc4(HMM:2.6e-07) |
| 13281 | 45919_1.R1040 | zf-c3hc4(HMM:2.6e-09) |
| 13282 | 106140_1.R1040 | zf-c3hc4(HMM:2.7e-05) |
| 13283 | 236942_1.R1040 | zf-c3hc4(HMM:2.7e-05) |
| 13284 | uC-gmronoir043d12b1 | zf-c3hc4(HMM:2.7e-10) |
| 13285 | 1827_2.R1040 | zf-c3hc4(HMM:2.8e-06) |
| 13286 | 1886_1.R1040 | zf-c3hc4(HMM:2.8e-09) |
| 13287 | 231498_1.R1040 | zf-c3hc4(HMM:2.9e-12) |
| 13288 | 3816_1.R1040 | zf-c3hc4(HMM:2.9e-12) |
| 13289 | 78700_1.R1040 | zf-c3hc4(HMM:2.9e-12) |
| 13290 | jC-gmfl02220073g06d1 | zf-c3hc4(HMM:2e-09) |
| 13291 | 194900_1.R1040 | zf-c3hc4(HMM:2e-10) |
| 13292 | 494_1.R1040 | zf-c3hc4(HMM:3.1e-12) |
| 13293 | 26018_1.R1040 | zf-c3hc4(HMM:3.2e-06) |
| 13294 | 28804_1.R1040 | zf-c3hc4(HMM:3.2e-08) |
| 13295 | 4147_2.R1040 | zf-c3hc4(HMM:3.2e-10) |
| 13296 | 188798_1.R1040 | zf-c3hc4(HMM:3.3e-08) |
| 13297 | seb700651467.h1 | zf-c3hc4(HMM:3.3e-10) |
| 13298 | sat701008075.h1 | zf-c3hc4(HMM:3.4e-05) |
| 13299 | jC-gmro02910025g05a1 | zf-c3hc4(HMM:3.4e-10) |

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| 13300 | 46782_1.R1040 | zf-c3hc4(HMM:3.4e-12) |
| 13301 | 236721_1.R1040 | zf-c3hc4(HMM:3.5e-13) |
| 13302 | 78701_1.R1040 | zf-c3hc4(HMM:3.6e-08) |
| 13303 | 33941_1.R1040 | zf-c3hc4(HMM:3.6e-11) |
| 13304 | 26895_1.R1040 | zf-c3hc4(HMM:3.8e-07) |
| 13305 | 3772_1.R1040 | zf-c3hc4(HMM:3.8e-09) |
| 13306 | 81883_1.R1040 | zf-c3hc4(HMM:3.8e-10) |
| 13307 | 188211_1.R1040 | zf-c3hc4(HMM:3e-06) |
| 13308 | 48257_1.R1040 | zf-c3hc4(HMM:3e-06) |
| 13309 | 5003_1.R1040 | zf-c3hc4(HMM:3e-09) |
| 13310 | LIB3051-014-Q1-E1-A8 | zf-c3hc4(HMM:3e-09) |
| 13311 | 122_11.R1040 | zf-c3hc4(HMM:4.1) |
| 13312 | g4298640 | zf-c3hc4(HMM:4.2e-11) |
| 13313 | uC-gmrominsoy111a03b1 | zf-c3hc4(HMM:4.3e-07) |
| 13314 | 18447_1.R1040 | zf-c3hc4(HMM:4.3e-09) |
| 13315 | LIB3138-015-Q1-N2-E3 | zf-c3hc4(HMM:4.4e-09) |
| 13316 | ssr700555461.h1 | zf-c3hc4(HMM:4.4e-10) |
| 13317 | uC-gmflminsoy027c02b1 | zf-c3hc4(HMM:4.4e-12) |
| 13318 | vwf700678783.h1 | zf-c3hc4(HMM:4.4e-12) |
| 13319 | 3816_2.R1040 | zf-c3hc4(HMM:4.7e-11) |
| 13320 | 382296_1.R1040 | zf-c3hc4(HMM:4.7e-11) |
| 13321 | 13937_1.R1040 | zf-c3hc4(HMM:4.8e-10) |
| 13322 | 312156_1.R1040 | zf-c3hc4(HMM:4.8e-12) |
| 13323 | 16576_1.R1040 | zf-c3hc4(HMM:4.9e-05) |
| 13324 | LIB3170-060-Q1-J1-A6 | zf-c3hc4(HMM:4.9e-08) |
| 13325 | 1065_1.R1040 | zf-c3hc4(HMM:4e-06) |
| 13326 | 307024_1.R1040 | zf-c3hc4(HMM:4e-09) |
| 13327 | jC-gmro02910019e01d1 | zf-c3hc4(HMM:5.3e-07) |
| 13328 | 1886_5.R1040 | zf-c3hc4(HMM:5.3e-10) |
| 13329 | 1886_6.R1040 | zf-c3hc4(HMM:5.3e-10) |
| 13330 | g4297795 | zf-c3hc4(HMM:5.3e-10) |
| 13331 | jC-gmfl02220056d04a1 | zf-c3hc4(HMM:5.3e-10) |
| 13332 | jC-gmro02910027e02d1 | zf-c3hc4(HMM:5.4e-10) |
| 13333 | 21464_1.R1040 | zf-c3hc4(HMM:5.4e-12) |
| 13334 | 21464_3.R1040 | zf-c3hc4(HMM:5.4e-12) |
| 13335 | 62774_1.R1040 | zf-c3hc4(HMM:5.6e-09) |
| 13336 | 29855_1.R1040 | zf-c3hc4(HMM:5.6e-11) |
| 13337 | 42176_1.R1040 | zf-c3hc4(HMM:5.7e-10) |
| 13338 | 151455_1.R1040 | zf-c3hc4(HMM:5.8e-11) |
| 13339 | 119_1.R1040 | zf-c3hc4(HMM:5.9e-06) |
| 13340 | LIB3051-018-Q1-E1-H3 | zf-c3hc4(HMM:5.9e-06) |
| 13341 | LIB3107-055-Q1-K1-B3 | zf-c3hc4(HMM:5e-06) |
| 13342 | 16079_1.R1040 | zf-c3hc4(HMM:5e-08) |
| 13343 | 44528_1.R1040 | zf-c3hc4(HMM:5e-09) |
| 13344 | 52214_1.R1040 | zf-c3hc4(HMM:5e-09) |
| 13345 | g5342446 | zf-c3hc4(HMM:5e-11) |
| 13346 | 122966_1.R1040 | zf-c3hc4(HMM:6.2e-12) |
| 13347 | 21466_1.R1040 | zf-c3hc4(HMM:6.5e-11) |
| 13348 | 94016_1.R1040 | zf-c3hc4(HMM:6.8e-12) |
| 13349 | 1886_3.R1040 | zf-c3hc4(HMM:6e-09) |
| 13350 | 18729_1.R1040 | zf-c3hc4(HMM:7.1e-08) |
| 13351 | g4301519 | zf-c3hc4(HMM:7.3e-05) |
| 13352 | 319071_1.R1040 | zf-c3hc4(HMM:7.5e-10) |
| 13353 | 30175_1.R1040 | zf-c3hc4(HMM:7.5e-11) |

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| 13354 | 12520_4.R1040 | zf-c3hc4(HMM:7e-09) |
| 13355 | 5671_1.R1040 | zf-c3hc4(HMM:8.1e-09) |
| 13356 | LIB3050-011-Q1-E1-F6 | zf-c3hc4(HMM:8.2e-06) |
| 13357 | 112674_1.R1040 | zf-c3hc4(HMM:8.3e-09) |
| 13358 | 4770_1.R1040 | zf-c3hc4(HMM:8.3e-11) |
| 13359 | 97285_1.R1040 | zf-c3hc4(HMM:8.4e-05) |
| 13360 | 214172_1.R1040 | zf-c3hc4(HMM:8.4e-07) |
| 13361 | 66923_1.R1040 | zf-c3hc4(HMM:8.4e-09) |
| 13362 | 8682_1.R1040 | zf-c3hc4(HMM:8.5e-12) |
| 13363 | zhf700960331.h1 | zf-c3hc4(HMM:8.8e-11) |
| 13364 | ncj700978144.h1 | zf-c3hc4(HMM:8.8e-13) |
| 13365 | 18266_1.R1040 | zf-c3hc4(HMM:8e-11) |
| 13366 | 29438_1.R1040 | zf-c3hc4(HMM:9.2e-09) |
| 13367 | kl1701205779.h1 | zf-c3hc4(HMM:9.5e-12) |
| 13368 | 1991_1.R1040 | zf-c3hc4(HMM:9e-08) |
| 13369 | eep700869601.h1 | zf-c4(HMM:9.1) |
| 13370 | 110971_1.R1040 | zf-ccch(HMM:0.0001) |
| 13371 | 330437_1.R1040 | zf-ccch(HMM:0.00011) |
| 13372 | uC-gmropic107e04b1 | zf-ccch(HMM:0.00025) |
| 13373 | 213640_1.R1040 | zf-ccch(HMM:0.00038) |
| 13374 | 15044_1.R1040 | zf-ccch(HMM:0.00083) |
| 13375 | LIB3053-009-Q1-N1-E8 | zf-ccch(HMM:0.0054) |
| 13376 | uC-gmflminsoy001e01b1 | zf-ccch(HMM:0.014) |
| 13377 | 15648_1.R1040 | zf-ccch(HMM:0.026) |
| 13378 | 15648_3.R1040 | zf-ccch(HMM:0.026) |
| 13379 | 186475_1.R1040 | zf-ccch(HMM:0.029) |
| 13380 | 16414_1.R1040 | zf-ccch(HMM:0.031) |
| 13381 | 26396_2.R1040 | zf-ccch(HMM:0.05) |
| 13382 | 368716_1.R1040 | zf-ccch(HMM:0.19) |
| 13383 | 110971_2.R1040 | zf-ccch(HMM:0.29) |
| 13384 | 14949_1.R1040 | zf-ccch(HMM:0.43) |
| 13385 | 31427_2.R1040 | zf-ccch(HMM:1.3) |
| 13386 | 7073_2.R1040 | zf-ccch(HMM:1.5) |
| 13387 | LIB3051-008-Q1-E1-F7 | zf-ccch(HMM:1.5e-05) |
| 13388 | 6089_1.R1040 | zf-ccch(HMM:1.5e-17) |
| 13389 | LIB3138-129-Q1-N1-C11 | zf-ccch(HMM:1.6e-05) |
| 13390 | 2754_2.R1040 | zf-ccch(HMM:1.6e-06) |
| 13391 | 67728_1.R1040 | zf-ccch(HMM:1.8e-08) |
| 13392 | jC-gmle01810064c12a1 | zf-ccch(HMM:1.9e-05) |
| 13393 | 142596_1.R1040 | zf-ccch(HMM:2.3e-07) |
| 13394 | 26396_1.R1040 | zf-ccch(HMM:3.2e-12) |
| 13395 | 2754_1.R1040 | zf-ccch(HMM:3.9e-07) |
| 13396 | 148660_1.R1040 | zf-ccch(HMM:7.2e-08) |
| 13397 | 88051_1.R1040 | zf-ccch(HMM:8.1e-07) |
| 13398 | 33317_1.R1040 | zf-ccch(HMM:8.3e-06) |
| 13399 | 111528_1.R1040 | zf-ccch(HMM:9.8e-10) |
| 13400 | 3147_2.R1040 | zf-cchc(HMM:0.00011) |
| 13401 | LIB3106-067-P1-K1-D6 | zf-cchc(HMM:0.00025) |
| 13402 | 3147_1.R1040 | zf-cchc(HMM:0.00039) |
| 13403 | g5688335 | zf-cchc(HMM:0.0014) |
| 13404 | LIB3049-042-Q1-E1-G10 | zf-cchc(HMM:0.0016) |
| 13405 | 184628_1.R1040 | zf-cchc(HMM:0.0023) |
| 13406 | 156800_1.R1040 | zf-cchc(HMM:0.0066) |
| 13407 | LIB3050-023-Q1-K1-D8 | zf-cchc(HMM:0.02) |

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| 13408 | ncj700986851.h1 | zf-cchc(HMM:0.022) |
| 13409 | 2466_5.R1040 | zf-cchc(HMM:0.027) |
| 13410 | LIB3170-072-Q1-J1-F8 | zf-cchc(HMM:0.041) |
| 13411 | 91390_1.R1040 | zf-cchc(HMM:0.069) |
| 13412 | leu701157077.h1 | zf-cchc(HMM:0.32) |
| 13413 | 127824_1.R1040 | zf-cchc(HMM:0.37) |
| 13414 | 8476_11.R1040 | zf-cchc(HMM:0.86) |
| 13415 | 13755_1.R1040 | zf-cchc(HMM:1.2e-05) |
| 13416 | LIB3040-014-Q1-E1-E11 | zf-cchc(HMM:1.2e-05) |
| 13417 | 10030_1.R1040 | zf-cchc(HMM:1.3e-05) |
| 13418 | jsh701070043.h2 | zf-cchc(HMM:1.5e-06) |
| 13419 | 20435_1.R1040 | zf-cchc(HMM:1.7e-07) |
| 13420 | 6411_1.R1040 | zf-cchc(HMM:1.8e-05) |
| 13421 | 15107_1.R1040 | zf-cchc(HMM:1e-10) |
| 13422 | LIB3138-090-P1-N1-A10 | zf-cchc(HMM:2.1e-09) |
| 13423 | 52374_1.R1040 | zf-cchc(HMM:2.5e-12) |
| 13424 | 2466_2.R1040 | zf-cchc(HMM:3.3e-05) |
| 13425 | 8476_2.R1040 | zf-cchc(HMM:3.7e-10) |
| 13426 | g4290253 | zf-cchc(HMM:3e-10) |
| 13427 | 16466_1.R1040 | zf-cchc(HMM:4.3e-20) |
| 13428 | 95363_1.R1040 | zf-cchc(HMM:4.4e-19) |
| 13429 | V4L-02-Q1-E1-E2 | zf-cchc(HMM:4.7e-06) |
| 13430 | 7964_1.R1040 | zf-cchc(HMM:4.9e-52) |
| 13431 | uaw700663647.h1 | zf-cchc(HMM:5.6e-09) |
| 13432 | zsg701117332.h1 | zf-cchc(HMM:8.1e-09) |
| 13433 | crh700853319.h1 | zf-cchc(HMM:8.7e-06) |
| 13434 | 42986_1.R1040 | zf-cchc(HMM:9.6e-06) |
| 13435 | LIB3056-003-Q1-N1-G10 | zf-constans(HMM:0.013) |
| 13436 | 64010_1.R1040 | zf-constans(HMM:0.048) |
| 13437 | 102998_2.R1040 | zf-constans(HMM:0.095) |
| 13438 | 24889_1.R1040 | zf-constans(HMM:1.3e-14) |
| 13439 | LIB3094-087-Q1-K1-A12 | zf-constans(HMM:1.3e-20) |
| 13440 | 130452_1.R1040 | zf-constans(HMM:1.4e-15) |
| 13441 | ncj700980420.h1 | zf-constans(HMM:1.9e-08) |
| 13442 | 70306_1.R1040 | zf-constans(HMM:1e-19) |
| 13443 | 100881_2.R1040 | zf-constans(HMM:2.1e-09) |
| 13444 | 49610_1.R1040 | zf-constans(HMM:2.1e-13) |
| 13445 | LIB3106-009-Q1-K1-C11 | zf-constans(HMM:2.1e-20) |
| 13446 | 42069_1.R1040 | zf-constans(HMM:2.4e-15) |
| 13447 | 32727_7.R1040 | zf-constans(HMM:2.7e-08) |
| 13448 | 80526_2.R1040 | zf-constans(HMM:3.3e-07) |
| 13449 | 32727_3.R1040 | zf-constans(HMM:3e-38) |
| 13450 | g5058157 | zf-constans(HMM:5.1e-09) |
| 13451 | 4208_1.R1040 | zf-constans(HMM:5.5e-25) |
| 13452 | LIB3138-069-P1-N1-A9 | zf-constans(HMM:6.2e-06) |
| 13453 | LIB3139-008-P1-N1-E4 | zf-constans(HMM:6e-07) |
| 13454 | 76255_1.R1040 | zf-constans(HMM:6e-14) |
| 13455 | LIB3028-010-Q1-B1-A12 | zf-constans(HMM:6e-14) |
| 13456 | 67827_1.R1040 | zf-mynd(HMM:0.001) |
| 13457 | 223931_1.R1040 | zf-mynd(HMM:0.0012) |
| 13458 | 7099_1.R1040 | zf-mynd(HMM:0.0064) |
| 13459 | 26944_1.R1040 | zf-mynd(HMM:1.2e-16) |
| 13460 | 104436_2.R1040 | zf-mynd(HMM:1.4e-06) |
| 13461 | 309351_1.R1040 | zf-mynd(HMM:1.5e-12) |

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| 13462 | g4313946 | zf-mynd(HMM:4e-09) |
| 13463 | LIB3049-052-Q1-E1-H7 | zf-mynd(HMM:5.7e-05) |
| 13464 | 25556_1.R1040 | zf-mynd(HMM:8.7e-13) |
| 13465 | 104436_1.R1040 | zf-mynd(HMM:8.8e-16) |
| 13466 | asn701142782.h1 | zf-nf-x1(HMM:0.097) |
| 13467 | uC-gmrominsoy205g06b1 | zf-nf-x1(HMM:1.7e-07) |
| 13468 | uC-gmronoir010e01b1 | zn_clus(HMM:0.00075) |
| 13469 | LIB3139-105-P1-N1-G5 | zn_clus(HMM:2.4e-07) |
| 13470 | 151593_1.R1040 | zz(HMM:0.001) |
| 13471 | 113319_1.R1040 | zz(HMM:0.095) |
| 13472 | zhf700960153.h1 | zz(HMM:0.14) |
| 13473 | 7196_1.R1040 | zz(HMM:0.42) |
| 13474 | 29741_1.R1040 | zz(HMM:1.2e-09) |
| 13475 | 85562_1.R1040 | zz(HMM:3.3e-11) |
| 13476 | zsg701121630.h1 | zz(HMM:5.7e-13) |
| 13477 | 178742_1.R1040 | zz(HMM:8.5e-09) |
| 13478 | 4806_1.R1040 | zz(HMM:8.7e-07) |

13462 13463 13464 13465 13466 13467 13468 13469 13470 13471 13472 13473 13474 13475 13476 13477 13478

Table 9. Transcription factors from soy

| SEQ NUM | SEQ ID | family/method/E-value |
|---------|--------------------------|-----------------------|
| 13479 | LIB3170-033-Q1-K1-B1.f3 | 14-3-3(HMM:0.00015) |
| 13480 | ncj700977467.h1.f3 | 14-3-3(HMM:0.0022) |
| 13481 | 391_2.R1040.f2 | 14-3-3(HMM:0.0023) |
| 13482 | LIB3040-008-Q1-E1-D4.f1 | 14-3-3(HMM:0.0024) |
| 13483 | LIB3094-060-Q1-K1-E2.f2 | 14-3-3(HMM:0.047) |
| 13484 | 488_2.R1040.f3 | 14-3-3(HMM:0.14) |
| 13485 | gsv701044857.h1.f2 | 14-3-3(HMM:1.1e-21) |
| 13486 | LIB3092-003-Q1-K1-G11.f1 | 14-3-3(HMM:1.1e-31) |
| 13487 | jC-gmst02400020g07a1.f1 | 14-3-3(HMM:1.2e-05) |
| 13488 | pmv700891610.h1.f1 | 14-3-3(HMM:1.2e-14) |
| 13489 | g5688049.f2 | 14-3-3(HMM:1.3) |
| 13490 | 1352_6.R1040.f3 | 14-3-3(HMM:1.5e-05) |
| 13491 | leu701149301.h1.f3 | 14-3-3(HMM:1.5e-05) |
| 13492 | LIB3094-060-Q1-K1-D9.f2 | 14-3-3(HMM:1.5e-07) |
| 13493 | LIB3051-101-Q1-K1-B10.f2 | 14-3-3(HMM:1.5e-11) |
| 13494 | 1352_13.R1040.f1 | 14-3-3(HMM:1.5e-15) |
| 13495 | g4396037.f2 | 14-3-3(HMM:1.5e-18) |
| 13496 | jex700908750.h1.f2 | 14-3-3(HMM:1.6e-13) |
| 13497 | fC-gmst700661063a3.f2 | 14-3-3(HMM:1.7e-06) |
| 13498 | LIB3092-034-Q1-K1-F9.f2 | 14-3-3(HMM:1.7e-07) |
| 13499 | LIB3094-072-Q1-K1-C6.f2 | 14-3-3(HMM:1.7e-24) |
| 13500 | LIB3028-005-Q1-B1-B10.f2 | 14-3-3(HMM:1e-22) |
| 13501 | LIB3106-054-Q1-K1-A4.f3 | 14-3-3(HMM:2.1e-09) |
| 13502 | wvk700681984.h1.f2 | 14-3-3(HMM:2.2e-07) |
| 13503 | uC-gmflminsoy100a11b1.f1 | 14-3-3(HMM:2e-16) |
| 13504 | seb700654252.h1.f2 | 14-3-3(HMM:2e-23) |
| 13505 | hrw701063321.h1.f1 | 14-3-3(HMM:2e-26) |
| 13506 | vwf700673717.h1.f1 | 14-3-3(HMM:3.1e-06) |
| 13507 | LIB3094-073-Q1-K1-C4.f3 | 14-3-3(HMM:3.1e-10) |
| 13508 | vzy700755182.h1.f1 | 14-3-3(HMM:3.1e-24) |
| 13509 | leu701148161.h1.f3 | 14-3-3(HMM:3.4e-09) |
| 13510 | vzy700754077.h1.f3 | 14-3-3(HMM:3.4e-10) |
| 13511 | zsg701123836.h1.f1 | 14-3-3(HMM:3.4e-16) |
| 13512 | uaw700666294.h1.f2 | 14-3-3(HMM:3.5e-37) |
| 13513 | 213_7.R1040.f4 | 14-3-3(HMM:3.9e-46) |
| 13514 | LIB3040-061-Q1-E1-D10.f3 | 14-3-3(HMM:4.2e-06) |
| 13515 | gsv701053255.h1.f3 | 14-3-3(HMM:4.2e-14) |
| 13516 | 391_1.R1040.f1 | 14-3-3(HMM:4.2e-180) |
| 13517 | smc700748260.h1.f2 | 14-3-3(HMM:4.2e-25) |
| 13518 | zhf700956003.h1.f1 | 14-3-3(HMM:4.3) |
| 13519 | smc700746076.h1.f1 | 14-3-3(HMM:4.4e-09) |
| 13520 | 213_5.R1040.f6 | 14-3-3(HMM:4.4e-16) |
| 13521 | uC-gmropic018h09b1.f1 | 14-3-3(HMM:5.4e-18) |
| 13522 | g5753155.f2 | 14-3-3(HMM:5.4e-32) |
| 13523 | pmv700889571.h1.f1 | 14-3-3(HMM:5.7e-24) |
| 13524 | seb700652419.h1.f2 | 14-3-3(HMM:6.3e-11) |
| 13525 | asn701139613.h1.f1 | 14-3-3(HMM:6.7e-20) |
| 13526 | jex700905495.h1.f1 | 14-3-3(HMM:6.7e-20) |
| 13527 | 1352_4.R1040.f2 | 14-3-3(HMM:6.8e-28) |
| 13528 | zsg701123883.h1.f1 | 14-3-3(HMM:6e-15) |
| 13529 | 114137_1.R1040.f3 | 14-3-3(HMM:6e-169) |
| 13530 | 1352_2.R1040.f2 | 14-3-3(HMM:6e-181) |

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| 13585 | 185318_1.R1040.f2 | ank(HMM:2.9e-21) |
| 13586 | 102151_1.R1040.f3 | ank(HMM:3.1e-41) |
| 13587 | 155560_2.R1040.f2 | ank(HMM:3.5e-15) |
| 13588 | 192508_1.R1040.f3 | ank(HMM:3.8e-06) |
| 13589 | 10902_1.R1040.f3 | ank(HMM:3.8e-08) |
| 13590 | 27872_1.R1040.f1 | ank(HMM:3.9e-20) |
| 13591 | 4595_1.R1040.f2 | ank(HMM:4.2e-08) |
| 13592 | LIB3109-053-Q1-K1-B5.f2 | ank(HMM:4.4e-15) |
| 13593 | 28488_1.R1040.f2 | ank(HMM:4.7e-08) |
| 13594 | 161435_1.R1040.f3 | ank(HMM:4.9e-25) |
| 13595 | zsg701121545.h1.f2 | ank(HMM:5.4e-10) |
| 13596 | 42557_1.R1040.f2 | ank(HMM:5e-11) |
| 13597 | LIB3107-079-Q1-K1-F6.f2 | ank(HMM:6.6e-15) |
| 13598 | 152077_1.R1040.f3 | ank(HMM:6.7e-10) |
| 13599 | LIB3170-059-Q1-J1-C12.f5 | ank(HMM:6.8e-08) |
| 13600 | 88515_1.R1040.f6 | ank(HMM:6.8e-19) |
| 13601 | 1952_2.R1040.f1 | ank(HMM:6.8e-43) |
| 13602 | 811_1.R1040.f1 | ank(HMM:6.9e-12) |
| 13603 | 64539_1.R1040.f3 | ank(HMM:7.2e-11) |
| 13604 | 49612_1.R1040.f3 | ank(HMM:7.8e-15) |
| 13605 | 107998_1.R1040.f2 | ank(HMM:8.5e-14) |
| 13606 | 42804_1.R1040.f1 | ank(HMM:8.6e-07) |
| 13607 | rca700998932.h1.f3 | ank(HMM:8.7e-12) |
| 13608 | 48688_1.R1040.f1 | ank(HMM:8.8e-09) |
| 13609 | 2420_1.R1040.f2 | ank(HMM:8.8e-16) |
| 13610 | 43163_1.R1040.f1 | ank(HMM:9.3e-14) |
| 13611 | 29901_1.R1040.f2 | "ank(HMM:9.7e-08),btb(HMM:0.0079)" |
| 13612 | 2989_1.R1040.f1 | "ank(HMM:9.7e-08),btb(HMM:0.0079)" |
| 13613 | 26379_1.R1040.f1 | ank(HMM:9e-13) |
| 13614 | sat701013533.h1.f2 | ap2-domain(HMM:0.00017) |
| 13615 | klf701208549.h1.f4 | ap2-domain(HMM:0.00036) |
| 13616 | 66501_1.R1040.f2 | ap2-domain(HMM:0.00041) |
| 13617 | 192611_1.R1040.f3 | ap2-domain(HMM:0.00088) |
| 13618 | LIB3050-019-Q1-K1-B5.f1 | ap2-domain(HMM:0.0022) |
| 13619 | 25945_1.R1040.f2 | ap2-domain(HMM:0.0025) |
| 13620 | jC-gmfl02220072c03a1.f2 | ap2-domain(HMM:0.0031) |
| 13621 | zhf700963839.h1.f3 | ap2-domain(HMM:0.0033) |
| 13622 | 11571_2.R1040.f3 | ap2-domain(HMM:0.0042) |
| 13623 | 79348_2.R1040.f2 | ap2-domain(HMM:0.0045) |
| 13624 | zpv700762317.h1.f1 | ap2-domain(HMM:0.0056) |
| 13625 | uC-gmrominsoy273c02b1.f2 | ap2-domain(HMM:0.009) |
| 13626 | 1862_1.R1040.f1 | ap2-domain(HMM:0.01) |
| 13627 | 47336_1.R1040.f3 | ap2-domain(HMM:0.019) |
| 13628 | 38136_2.R1040.f1 | ap2-domain(HMM:0.16) |
| 13629 | hyd700731193.h1.f3 | ap2-domain(HMM:0.36) |
| 13630 | 326823_1.R1040.f1 | ap2-domain(HMM:0.39) |
| 13631 | jex700904559.h1.f2 | ap2-domain(HMM:0.39) |
| 13632 | 19313_2.R1040.f3 | ap2-domain(HMM:0.44) |
| 13633 | 177074_1.R1040.f1 | ap2-domain(HMM:0.8) |
| 13634 | 230382_1.R1040.f6 | ap2-domain(HMM:0.88) |
| 13635 | smc700749507.h1.f1 | ap2-domain(HMM:1.1) |
| 13636 | LIB3093-031-Q1-K1-D8.f1 | ap2-domain(HMM:1.1e-08) |

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| 13637 | 1_1.R1040.f3 | ap2-domain(HMM:1.1e-42) |
| 13638 | 46661_1.R1040.f3 | ap2-domain(HMM:1.1e-42) |
| 13639 | 69857_1.R1040.f1 | ap2-domain(HMM:1.2e-16) |
| 13640 | 193678_1.R1040.f3 | ap2-domain(HMM:1.2e-34) |
| 13641 | LIB3050-008-Q1-E1-F7.f1 | ap2-domain(HMM:1.2e-38) |
| 13642 | 195824_1.R1040.f2 | ap2-domain(HMM:1.3e-22) |
| 13643 | dpy701102158.h1.f1 | ap2-domain(HMM:1.3e-25) |
| 13644 | 733_17.R1040.f3 | ap2-domain(HMM:1.3e-37) |
| 13645 | 1495_1.R1040.f3 | ap2-domain(HMM:1.3e-40) |
| 13646 | 19313_1.R1040.f2 | ap2-domain(HMM:1.3e-41) |
| 13647 | 253_1.R1040.f6 | ap2-domain(HMM:1.4e-36) |
| 13648 | 4947_1.R1040.f2 | ap2-domain(HMM:1.4e-40) |
| 13649 | LIB3139-020-P1-N1-D12.f1 | ap2-domain(HMM:1.5e-11) |
| 13650 | 4575_4.R1040.f2 | ap2-domain(HMM:1.5e-27) |
| 13651 | LIB3055-004-Q1-N1-D2.f1 | ap2-domain(HMM:1.5e-28) |
| 13652 | 1495_2.R1040.f3 | ap2-domain(HMM:1.5e-40) |
| 13653 | kl1701207375.h1.f3 | ap2-domain(HMM:1.6e-11) |
| 13654 | gsv701054134.h1.f1 | ap2-domain(HMM:1.7e-18) |
| 13655 | 293335_1.R1040.f3 | ap2-domain(HMM:1.7e-30) |
| 13656 | 18006_1.R1040.f3 | ap2-domain(HMM:1.7e-37) |
| 13657 | 6007_1.R1040.f1 | ap2-domain(HMM:1.7e-62) |
| 13658 | 213082_1.R1040.f1 | ap2-domain(HMM:1.8e-30) |
| 13659 | 116814_1.R1040.f2 | ap2-domain(HMM:1.8e-35) |
| 13660 | 50908_2.R1040.f1 | ap2-domain(HMM:1.8e-38) |
| 13661 | 314831_1.R1040.f2 | ap2-domain(HMM:1.9e-06) |
| 13662 | 31846_2.R1040.f2 | ap2-domain(HMM:1.9e-34) |
| 13663 | LIB3106-046-Q1-K1-E9.f3 | ap2-domain(HMM:1e-24) |
| 13664 | 65229_1.R1040.f3 | ap2-domain(HMM:2.1e-16) |
| 13665 | LIB3139-106-P1-N1-D11.f1 | ap2-domain(HMM:2.1e-29) |
| 13666 | 63521_1.R1040.f1 | ap2-domain(HMM:2.1e-34) |
| 13667 | 18207_1.R1040.f1 | ap2-domain(HMM:2.1e-38) |
| 13668 | 207_1.R1040.f4 | ap2-domain(HMM:2.1e-38) |
| 13669 | 84428_1.R1040.f1 | ap2-domain(HMM:2.1e-38) |
| 13670 | uC-gmrominsoy318d12b1.f5 | ap2-domain(HMM:2.2e-19) |
| 13671 | jC-gmst02400014h03a1.f3 | ap2-domain(HMM:2.2e-32) |
| 13672 | 42548_1.R1040.f1 | ap2-domain(HMM:2.2e-39) |
| 13673 | 118859_1.R1040.f3 | ap2-domain(HMM:2.3e-35) |
| 13674 | 24098_1.R1040.f3 | ap2-domain(HMM:2.3e-36) |
| 13675 | 4575_1.R1040.f3 | ap2-domain(HMM:2.3e-40) |
| 13676 | 43102_1.R1040.f2 | ap2-domain(HMM:2.4e-29) |
| 13677 | cle700967818.h1.f2 | ap2-domain(HMM:2.5) |
| 13678 | 5104_2.R1040.f3 | ap2-domain(HMM:2.5e-29) |
| 13679 | 79348_1.R1040.f2 | ap2-domain(HMM:2.5e-36) |
| 13680 | 1_2.R1040.f2 | ap2-domain(HMM:2.6e-38) |
| 13681 | 15301_2.R1040.f1 | ap2-domain(HMM:2.6e-38) |
| 13682 | 15301_1.R1040.f2 | ap2-domain(HMM:2.7e-40) |
| 13683 | jC-gmle01810054h06a1.f2 | ap2-domain(HMM:2.7e-40) |
| 13684 | 125403_1.R1040.f2 | ap2-domain(HMM:2.7e-41) |
| 13685 | LIB3106-057-Q1-K1-E2.f3 | ap2-domain(HMM:2.9) |
| 13686 | 224379_1.R1040.f2 | ap2-domain(HMM:2e-28) |
| 13687 | g4283446.f1 | ap2-domain(HMM:2e-30) |
| 13688 | LIB3139-034-P1-N1-E11.f1 | ap2-domain(HMM:2e-31) |
| 13689 | pxt700943089.h1.f2 | ap2-domain(HMM:3.2e-17) |
| 13690 | 1600_1.R1040.f2 | ap2-domain(HMM:3.2e-40) |

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| 13691 | uC-gmflinsoy063h08b1.f3 | ap2-domain(HMM:3.3) |
| 13692 | 2450_14.R1040.f2 | ap2-domain(HMM:3.3e-11) |
| 13693 | 34631_1.R1040.f2 | ap2-domain(HMM:3.5e-14) |
| 13694 | 11571_1.R1040.f3 | ap2-domain(HMM:3.5e-24) |
| 13695 | uC-gmrominsoy223h06b1.f2 | ap2-domain(HMM:3.5e-25) |
| 13696 | 117623_1.R1040.f2 | ap2-domain(HMM:3.5e-34) |
| 13697 | klh701209443.h1.f3 | ap2-domain(HMM:3.6e-33) |
| 13698 | zsg701123296.h1.f3 | ap2-domain(HMM:3.6e-39) |
| 13699 | 213537_1.R1040.f1 | ap2-domain(HMM:3.7e-08) |
| 13700 | LIB3139-073-P1-N1-F5.f1 | ap2-domain(HMM:3.7e-32) |
| 13701 | 42990_1.R1040.f2 | ap2-domain(HMM:3.7e-40) |
| 13702 | 1495_3.R1040.f3 | ap2-domain(HMM:3.9e-39) |
| 13703 | asn701135882.h1.f3 | ap2-domain(HMM:3e-26) |
| 13704 | 122505_1.R1040.f1 | ap2-domain(HMM:3e-36) |
| 13705 | 286_1.R1040.f4 | ap2-domain(HMM:3e-64) |
| 13706 | 147410_1.R1040.f2 | ap2-domain(HMM:4.2e-23) |
| 13707 | 1409_1.R1040.f3 | ap2-domain(HMM:4.2e-33) |
| 13708 | 6295_1.R1040.f3 | ap2-domain(HMM:4.2e-38) |
| 13709 | pcp700993575.h1.f1 | ap2-domain(HMM:4.3e-26) |
| 13710 | 2_1.R1040.f3 | ap2-domain(HMM:4.4e-39) |
| 13711 | 26582_1.R1040.f1 | ap2-domain(HMM:4.4e-39) |
| 13712 | 6400_1.R1040.f3 | ap2-domain(HMM:4.5e-36) |
| 13713 | 46251_1.R1040.f1 | ap2-domain(HMM:4.6e-37) |
| 13714 | asn701140084.h1.f3 | ap2-domain(HMM:4.7e-06) |
| 13715 | 47329_1.R1040.f1 | ap2-domain(HMM:4.8e-16) |
| 13716 | 341417_1.R1040.f3 | ap2-domain(HMM:4.8e-25) |
| 13717 | 31846_1.R1040.f2 | ap2-domain(HMM:4.9e-34) |
| 13718 | jC-gmle01810085a01a1.f2 | ap2-domain(HMM:4e-31) |
| 13719 | zhf700951736.h1.f1 | ap2-domain(HMM:5.2e-38) |
| 13720 | hrw701060463.h1.f3 | ap2-domain(HMM:5.3e-34) |
| 13721 | 1409_2.R1040.f2 | ap2-domain(HMM:5.4e-32) |
| 13722 | 332916_1.R1040.f3 | ap2-domain(HMM:5.4e-37) |
| 13723 | 110705_1.R1040.f3 | ap2-domain(HMM:5.4e-39) |
| 13724 | 58134_1.R1040.f1 | ap2-domain(HMM:5.7e-21) |
| 13725 | 23679_1.R1040.f3 | ap2-domain(HMM:5.9e-39) |
| 13726 | 4575_3.R1040.f2 | ap2-domain(HMM:5e-20) |
| 13727 | 5308_1.R1040.f3 | ap2-domain(HMM:5e-40) |
| 13728 | 5308_2.R1040.f3 | ap2-domain(HMM:5e-40) |
| 13729 | gsv701053807.h1.f2 | ap2-domain(HMM:6.1e-30) |
| 13730 | 46538_1.R1040.f3 | ap2-domain(HMM:6.4e-32) |
| 13731 | 79938_1.R1040.f3 | ap2-domain(HMM:6.4e-37) |
| 13732 | 1600_2.R1040.f3 | ap2-domain(HMM:6.5e-41) |
| 13733 | 43102_2.R1040.f2 | ap2-domain(HMM:6.7e-31) |
| 13734 | 2450_5.R1040.f3 | ap2-domain(HMM:6.7e-40) |
| 13735 | 219031_1.R1040.f2 | ap2-domain(HMM:6.9e-18) |
| 13736 | 6295_2.R1040.f2 | ap2-domain(HMM:6e-26) |
| 13737 | 34051_1.R1040.f2 | ap2-domain(HMM:6e-29) |
| 13738 | jC-gmro02910014e07a1.f3 | ap2-domain(HMM:6e-32) |
| 13739 | 114348_1.R1040.f1 | ap2-domain(HMM:6e-41) |
| 13740 | eep700868056.h1.f2 | ap2-domain(HMM:7.1e-05) |
| 13741 | LIB3050-020-Q1-K1-A1.f2 | ap2-domain(HMM:7.1e-40) |
| 13742 | 3957_1.R1040.f3 | ap2-domain(HMM:7.1e-41) |
| 13743 | 3957_2.R1040.f3 | ap2-domain(HMM:7.1e-41) |
| 13744 | 1409_5.R1040.f2 | ap2-domain(HMM:7.3e-05) |

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| 13745 | 47228_1.R1040.f2 | ap2-domain(HMM:7.4e-62) |
| 13746 | 5104_1.R1040.f2 | ap2-domain(HMM:7.5e-38) |
| 13747 | 2450_11.R1040.f1 | ap2-domain(HMM:7.6e-40) |
| 13748 | rlr700896269.h1.f2 | ap2-domain(HMM:7.7e-05) |
| 13749 | zhf700954822.h1.f3 | ap2-domain(HMM:7e-11) |
| 13750 | LIB3138-082-P1-N1-G11.f1 | ap2-domain(HMM:7e-43) |
| 13751 | 48528_1.R1040.f3 | ap2-domain(HMM:8.1e-05) |
| 13752 | 47336_3.R1040.f2 | ap2-domain(HMM:8.1e-13) |
| 13753 | 44265_1.R1040.f1 | ap2-domain(HMM:8.2e-41) |
| 13754 | 44666_1.R1040.f3 | ap2-domain(HMM:8.2e-41) |
| 13755 | 15329_1.R1040.f3 | ap2-domain(HMM:8.4e-39) |
| 13756 | asn701139603.h1.f1 | ap2-domain(HMM:8.5) |
| 13757 | 1489_1.R1040.f1 | ap2-domain(HMM:8.5e-41) |
| 13758 | 1489_2.R1040.f3 | ap2-domain(HMM:8.5e-41) |
| 13759 | 274_1.R1040.f5 | ap2-domain(HMM:8.6e-42) |
| 13760 | 20672_1.R1040.f3 | ap2-domain(HMM:8.7e-20) |
| 13761 | sat701012510.h1.f2 | ap2-domain(HMM:8.7e-31) |
| 13762 | 21492_1.R1040.f1 | ap2-domain(HMM:8.8e-18) |
| 13763 | 270136_1.R1040.f3 | ap2-domain(HMM:8.9e-33) |
| 13764 | 212_1.R1040.f2 | ap2-domain(HMM:9.1e-34) |
| 13765 | 32848_1.R1040.f2 | ap2-domain(HMM:9.1e-40) |
| 13766 | 6948_1.R1040.f1 | ap2-domain(HMM:9.3e-37) |
| 13767 | 2450_4.R1040.f3 | ap2-domain(HMM:9.6e-40) |
| 13768 | 50908_1.R1040.f3 | ap2-domain(HMM:9.9e-39) |
| 13769 | kl1701209890.h1.f3 | ap2-domain(HMM:9e-38) |
| 13770 | 15329_2.R1040.f2 | ap2-domain(HMM:9e-39) |
| 13771 | LIB3109-015-Q1-K1-G9.f3 | arf(HMM:0.00037) |
| 13772 | zhf700960825.h1.f2 | "arf(HMM:0.00049),b3(HMM:5e-05)" |
| 13773 | 38136_3.R1040.f2 | "arf(HMM:0.00059),b3(HMM:6.8e-41)" |
| 13774 | uC-gmropic022d12b1.f2 | arf(HMM:0.00072) |
| 13775 | LIB3093-002-Q1-K1-F7.f3 | arf(HMM:0.0008) |
| 13776 | zpz700834194.h1.f1 | "arf(HMM:0.00094),b3(HMM:1.8e-14)" |
| 13777 | 3137_3.R1040.f1 | arf(HMM:0.054) |
| 13778 | leu701152936.h1.f1 | "arf(HMM:0.12),b3(HMM:0.59)" |
| 13779 | eep700870331.h1.f2 | "arf(HMM:0.29),b3(HMM:1.4e-16)" |
| 13780 | 110702_1.R1040.f1 | arf(HMM:0.31) |
| 13781 | 15353_1.R1040.f1 | arf(HMM:1.1e-08) |
| 13782 | 116829_1.R1040.f2 | arf(HMM:1.2e-08) |
| 13783 | 148191_1.R1040.f1 | arf(HMM:1.3) |
| 13784 | vwf700678824.h1.f3 | arf(HMM:1.3e-07) |
| 13785 | ncj700981181.h1.f1 | arf(HMM:1.3e-18) |
| 13786 | trc700566829.h1.f2 | arf(HMM:1.4e-08) |
| 13787 | LIB3055-001-Q1-B1-B1.f2 | arf(HMM:1.4e-25) |
| 13788 | 3137_2.R1040.f3 | "arf(HMM:1.4e-61),b3(HMM:5.5e-23)" |
| 13789 | uC-gmflminsoy022c02b1.f3 | arf(HMM:1.5) |
| 13790 | 3137_1.R1040.f2 | "arf(HMM:1.7e-166),b3(HMM:2.3e-60)" |
| 13791 | jC-gmfl02220082g03d1.f3 | "arf(HMM:1.8),b3(HMM:5.4e-11)" |

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| 13792 | jC-gmfl02220089g07a1.f2 | "arf(HMM:2.1e-10),b3(HMM:1.5e-14)" |
| 13793 | leu701155410.h1.f3 | arf(HMM:2.2) |
| 13794 | 212197_1.R1040.f1 | arf(HMM:2.2e-06) |
| 13795 | uC-gmrominsoy047b05b1.f1 | arf(HMM:2.3e-05) |
| 13796 | g5510202.f1 | "arf(HMM:2.4e-07),b3(HMM:2.3e-10)" |
| 13797 | uC-gmropic005h09b1.f1 | arf(HMM:2.6e-39) |
| 13798 | 101468_1.R1040.f3 | arf(HMM:2.7e-15) |
| 13799 | txt700733055.h1.f2 | "arf(HMM:2.9e-05),b3(HMM:0.00015)" |
| 13800 | 3472_1.R1040.f1 | "arf(HMM:2.9e-187),b3(HMM:4.8e-54),iaa(HMM:2.5e-39)" |
| 13801 | 378384_1.R1040.f2 | arf(HMM:2e-19) |
| 13802 | 82885_1.R1040.f2 | arf(HMM:2e-19) |
| 13803 | 18865_1.R1040.f1 | arf(HMM:2e-31) |
| 13804 | 68059_1.R1040.f3 | arf(HMM:3.3e-17) |
| 13805 | sat701011201.h1.f2 | "arf(HMM:3.6e-07),b3(HMM:0.00019)" |
| 13806 | g4306688.f3 | "arf(HMM:3.8e-16),b3(HMM:1.5e-07)" |
| 13807 | uC-gmropic034b09b1.f2 | arf(HMM:3.9e-09) |
| 13808 | xzm700763862.h1.f3 | arf(HMM:3e-07) |
| 13809 | ncj700981106.h1.f2 | arf(HMM:4.3e-20) |
| 13810 | 218459_1.R1040.f2 | arf(HMM:4.4e-13) |
| 13811 | 22209_1.R1040.f3 | "arf(HMM:4.9),iaa(HMM:2.8e-36)" |
| 13812 | ekl700968235.h1.f3 | "arf(HMM:4.9e-26),b3(HMM:0.29)" |
| 13813 | 16506_1.R1040.f1 | arf(HMM:4e-05) |
| 13814 | 63154_1.R1040.f3 | arf(HMM:6.4e-20) |
| 13815 | 172453_1.R1040.f3 | arf(HMM:6e-15) |
| 13816 | uC-gmrominsoy315f07b1.f3 | arf(HMM:6e-23) |
| 13817 | uC-gmrominsoy313f09b1.f3 | "arf(HMM:7.3e-05),b3(HMM:1.7e-28)" |
| 13818 | 65621_1.R1040.f2 | "arf(HMM:7.3e-05),iaa(HMM:6.1e-36)" |
| 13819 | 135549_1.R1040.f2 | arf(HMM:7.9e-17) |
| 13820 | jex700909695.h1.f2 | arf(HMM:8.3e-23) |
| 13821 | LIB3109-001-Q1-K1-C2.f3 | "arf(HMM:9.7e-15),b3(HMM:5.6e-25)" |
| 13822 | uxk700672851.h1.f2 | arf(HMM:9.8e-08) |
| 13823 | 158599_1.R1040.f1 | arf(HMM:9.8e-35) |
| 13824 | uC-gmronoir046b05b1.f3 | "arf(HMM:9.9e-19),b3(HMM:1.8e-22)" |
| 13825 | wrg700786710.h2.f2 | arid(HMM:0.00069) |
| 13826 | 223889_1.R1040.f2 | arid(HMM:0.0081) |
| 13827 | 4845_1.R1040.f1 | arid(HMM:0.011) |
| 13828 | 136619_1.R1040.f2 | arid(HMM:2.2e-06) |
| 13829 | 136619_2.R1040.f1 | arid(HMM:3.4) |
| 13830 | 214623_1.R1040.f3 | arid(HMM:5.8e-11) |
| 13831 | 205088_1.R1040.f1 | arid(HMM:8.6) |
| 13832 | ncj700982935.h1.f2 | athook(HMM:0.023) |

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| 13833 | g4437059.f2 | athook(HMM:0.029) |
| 13834 | 332814_1.R1040.f3 | b3(HMM:0.00013) |
| 13835 | 299404_1.R1040.f2 | b3(HMM:1.7e-64) |
| 13836 | uxk700668877.h1.f3 | b3(HMM:2.1e-07) |
| 13837 | 120032_1.R1040.f3 | b3(HMM:3.7e-66) |
| 13838 | zvp700764284.h1.f2 | b3(HMM:3e-13) |
| 13839 | txt700737102.h1.f3 | b3(HMM:5.1e-08) |
| 13840 | 24842_1.R1040.f2 | bah(HMM:0.00022) |
| 13841 | epx701103702.h1.f1 | bah(HMM:0.00037) |
| 13842 | 43673_2.R1040.f2 | bah(HMM:0.002) |
| 13843 | kl1701203247.h1.f1 | bah(HMM:1.1e-07) |
| 13844 | 4392_1.R1040.f2 | "bah(HMM:1.1e-39),phd(HMM:2.5e-05)" |
| 13845 | 358918_1.R1040.f1 | bah(HMM:1.3e-07) |
| 13846 | 59235_1.R1040.f2 | "bah(HMM:1.7e-38),phd(HMM:5.7e-12)" |
| 13847 | jC-gmfl02220061f06a1.f3 | bah(HMM:1.9e-14) |
| 13848 | 137966_1.R1040.f2 | bah(HMM:2.4e-10) |
| 13849 | 23398_1.R1040.f3 | bah(HMM:5.5e-23) |
| 13850 | 43673_1.R1040.f3 | bah(HMM:7.6e-23) |
| 13851 | LIB3051-009-Q1-E1-A6.f3 | bpf-1(HMM:0.0039) |
| 13852 | pxt700944554.h1.f2 | bpf-1(HMM:1.5e-14) |
| 13853 | 322857_1.R1040.f5 | bpf-1(HMM:2.2e-15) |
| 13854 | jC-gmfl02220071d10a1.f3 | bpf-1(HMM:2.2e-20) |
| 13855 | eep700865834.h1.f3 | bpf-1(HMM:2e-16) |
| 13856 | kl1701213520.h1.f3 | bpf-1(HMM:2e-49) |
| 13857 | jC-gmro02910008g09a1.f2 | bpf-1(HMM:2e-53) |
| 13858 | 149339_1.R1040.f1 | bpf-1(HMM:3.2e-16) |
| 13859 | 2577_1.R1040.f2 | bpf-1(HMM:3e-101) |
| 13860 | 47866_1.R1040.f1 | "bpf-1(HMM:4.8e-09),myb_dna-binding(HMM:0.045)" |
| 13861 | 27100_1.R1040.f3 | bpf-1(HMM:5.3e-05) |
| 13862 | 27754_1.R1040.f2 | bpf-1(HMM:5.6e-06) |
| 13863 | hrw701063373.h1.f3 | bpf-1(HMM:6.6e-14) |
| 13864 | 26870_1.R1040.f2 | bpf-1(HMM:6.7e-06) |
| 13865 | 250806_1.R1040.f3 | bromodomain(HMM:0.00042) |
| 13866 | sat701014987.h1.f2 | bromodomain(HMM:0.002) |
| 13867 | fua701039095.h1.f1 | bromodomain(HMM:0.0044) |
| 13868 | 6361_1.R1040.f3 | bromodomain(HMM:0.0047) |
| 13869 | jC-gmst02400067f07d1.f4 | bromodomain(HMM:0.078) |
| 13870 | LIB3051-084-Q1-K1-H7.f2 | bromodomain(HMM:0.34) |
| 13871 | 46082_1.R1040.f1 | bromodomain(HMM:1.3e-05) |
| 13872 | 5611_1.R1040.f1 | bromodomain(HMM:2.2e-25) |
| 13873 | 19322_1.R1040.f3 | bromodomain(HMM:2.5e-33) |
| 13874 | 330421_1.R1040.f1 | bromodomain(HMM:2.8e-11) |
| 13875 | 32930_1.R1040.f2 | bromodomain(HMM:2.9e-22) |
| 13876 | g4295717.f2 | bromodomain(HMM:4.5e-20) |
| 13877 | jC-gmro02800033a08a1.f3 | bromodomain(HMM:8.4) |
| 13878 | 121490_1.R1040.f2 | bromodomain(HMM:9e-06) |
| 13879 | uC-gmropic106h11b1.f2 | btb(HMM:0.00057) |
| 13880 | LIB3056-012-Q1-N1-E9.f1 | btb(HMM:0.00069) |
| 13881 | 2639_1.R1040.f1 | btb(HMM:0.00077) |
| 13882 | 71950_1.R1040.f3 | btb(HMM:0.0016) |
| 13883 | kmv700742778.h1.f1 | btb(HMM:0.0039) |

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| 13884 | 15535_2.R1040.f1 | btb(HMM:0.0055) |
| 13885 | 2639_3.R1040.f1 | btb(HMM:0.0075) |
| 13886 | 2639_2.R1040.f1 | btb(HMM:0.039) |
| 13887 | 21614_1.R1040.f1 | btb(HMM:1.1e-32) |
| 13888 | 25562_2.R1040.f2 | btb(HMM:1.2) |
| 13889 | 15236_2.R1040.f3 | btb(HMM:1.4e-05) |
| 13890 | uC-gmflminsoy027c07b1.f2 | btb(HMM:1.4e-06) |
| 13891 | 106512_1.R1040.f2 | btb(HMM:2.3e-05) |
| 13892 | 149168_1.R1040.f3 | btb(HMM:2.9e-09) |
| 13893 | 16847_1.R1040.f2 | btb(HMM:2e-24) |
| 13894 | 15079_1.R1040.f1 | btb(HMM:5.5e-28) |
| 13895 | 25562_1.R1040.f3 | btb(HMM:7.7e-06) |
| 13896 | 141566_1.R1040.f3 | btb(HMM:7.7e-10) |
| 13897 | 20070_1.R1040.f2 | btb(HMM:8.3e-27) |
| 13898 | 26649_1.R1040.f3 | btb(HMM:9.2e-10) |
| 13899 | 24017_1.R1040.f3 | btb(HMM:9.6e-21) |
| 13900 | uC-gmrominsoy109d01b1.f3 | bzip(HMM:0.00015) |
| 13901 | 110559_1.R1040.f1 | bzip(HMM:0.00069) |
| 13902 | 27330_1.R1040.f3 | bzip(HMM:0.00099) |
| 13903 | 19593_2.R1040.f2 | bzip(HMM:0.001) |
| 13904 | 94732_1.R1040.f2 | bzip(HMM:0.0012) |
| 13905 | LIB3138-098-P1-N1-A10.f1 | bzip(HMM:0.0013) |
| 13906 | 191779_1.R1040.f3 | bzip(HMM:0.0016) |
| 13907 | 70779_1.R1040.f1 | bzip(HMM:0.0017) |
| 13908 | 1411_1.R1040.f3 | bzip(HMM:0.0022) |
| 13909 | 4565_3.R1040.f3 | bzip(HMM:0.0022) |
| 13910 | jC-gmro02800043g12a1.f2 | bzip(HMM:0.0022) |
| 13911 | g5606705.f2 | bzip(HMM:0.0039) |
| 13912 | 70129_1.R1040.f3 | bzip(HMM:0.0047) |
| 13913 | jC-gmro02910074b08a1.f2 | bzip(HMM:0.025) |
| 13914 | LIB3093-019-Q1-K1-A6.f2 | bzip(HMM:0.059) |
| 13915 | LIB3056-014-Q1-N1-C12.f3 | bzip(HMM:0.066) |
| 13916 | 173_1.R1040.f2 | bzip(HMM:0.074) |
| 13917 | LIB3093-004-Q1-K1-E9.f3 | bzip(HMM:0.094) |
| 13918 | LIB3039-017-Q1-E1-D3.f2 | bzip(HMM:0.17) |
| 13919 | 1949_2.R1040.f1 | bzip(HMM:0.22) |
| 13920 | 21475_1.R1040.f2 | bzip(HMM:0.91) |
| 13921 | epx701103732.h1.f1 | bzip(HMM:1.1) |
| 13922 | 19593_1.R1040.f1 | bzip(HMM:1.1e-06) |
| 13923 | leu701149088.h1.f3 | bzip(HMM:1.3) |
| 13924 | 69_3.R1040.f3 | bzip(HMM:1.3e-22) |
| 13925 | 27563_1.R1040.f2 | bzip(HMM:1.4e-13) |
| 13926 | g1905784_FL.f3 | bzip(HMM:1.7e-19) |
| 13927 | 1210_1.R1040.f1 | bzip(HMM:1.8e-11) |
| 13928 | 545_1.R1040.f2 | bzip(HMM:2.1e-21) |
| 13929 | 545_2.R1040.f1 | bzip(HMM:2.1e-21) |
| 13930 | 21448_1.R1040.f3 | bzip(HMM:2.2e-14) |
| 13931 | 62449_1.R1040.f3 | bzip(HMM:2.3e-14) |
| 13932 | 20595_1.R1040.f3 | bzip(HMM:2.3e-15) |
| 13933 | 2085_2.R1040.f3 | bzip(HMM:2.3e-16) |
| 13934 | 2085_1.R1040.f2 | bzip(HMM:2.6e-16) |
| 13935 | 339670_1.R1040.f3 | bzip(HMM:2.9e-14) |
| 13936 | 2897_1.R1040.f3 | bzip(HMM:2e-09) |
| 13937 | 2271_2.R1040.f1 | bzip(HMM:3.4e-10) |

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| 13938 | g4303675.f4 | bzip(HMM:3.6e-07) |
| 13939 | 149_1.R1040.f3 | bzip(HMM:3.8e-11) |
| 13940 | 2085_3.R1040.f1 | bzip(HMM:3.8e-14) |
| 13941 | 758_5.R1040.f3 | bzip(HMM:3e-05) |
| 13942 | 618_1.R1040.f3 | bzip(HMM:5.1e-07) |
| 13943 | seb700651877.h1.f2 | bzip(HMM:5.3e-11) |
| 13944 | LIB3138-011-Q1-N1-D6.f2 | bzip(HMM:5.7e-08) |
| 13945 | 758_1.R1040.f2 | bzip(HMM:6.1e-17) |
| 13946 | 758_2.R1040.f1 | bzip(HMM:6.1e-17) |
| 13947 | 23329_1.R1040.f2 | bzip(HMM:6.2e-06) |
| 13948 | 82120_1.R1040.f3 | bzip(HMM:6.5e-13) |
| 13949 | 1949_1.R1040.f1 | bzip(HMM:9.1e-09) |
| 13950 | 182497_1.R1040.f2 | bzip(HMM:9.1e-24) |
| 13951 | 544_1.R1040.f3 | bzip(HMM:9.9e-22) |
| 13952 | 23829_2.R1040.f3 | cbfd_nfyb_hmf(HMM:0.0065) |
| 13953 | 12708_1.R1040.f2 | cbfd_nfyb_hmf(HMM:0.057) |
| 13954 | jC-gmro02910071g08a1.f6 | cbfd_nfyb_hmf(HMM:0.23) |
| 13955 | 6HA-01-Q1-B1-F10.f3 | cbfd_nfyb_hmf(HMM:1.1e-08) |
| 13956 | 3281_5.R1040.f1 | cbfd_nfyb_hmf(HMM:1.1e-29) |
| 13957 | 64072_1.R1040.f3 | cbfd_nfyb_hmf(HMM:1.3e-29) |
| 13958 | zsg701125040.h1.f1 | cbfd_nfyb_hmf(HMM:1.4e-16) |
| 13959 | 3281_6.R1040.f3 | cbfd_nfyb_hmf(HMM:1.6e-15) |
| 13960 | 31567_2.R1040.f2 | cbfd_nfyb_hmf(HMM:1.7e-38) |
| 13961 | 11427_1.R1040.f2 | cbfd_nfyb_hmf(HMM:1.8e-22) |
| 13962 | 230_1.R1040.f3 | cbfd_nfyb_hmf(HMM:1.8e-22) |
| 13963 | 31567_1.R1040.f1 | cbfd_nfyb_hmf(HMM:1.8e-38) |
| 13964 | 127476_1.R1040.f1 | cbfd_nfyb_hmf(HMM:3.9e-09) |
| 13965 | 14105_1.R1040.f2 | cbfd_nfyb_hmf(HMM:3e-08) |
| 13966 | 24922_1.R1040.f3 | cbfd_nfyb_hmf(HMM:4.2e-21) |
| 13967 | 100936_1.R1040.f2 | cbfd_nfyb_hmf(HMM:4.7e-39) |
| 13968 | gsv701043716.h1.f3 | cbfd_nfyb_hmf(HMM:4e-06) |
| 13969 | 11513_2.R1040.f3 | cbfd_nfyb_hmf(HMM:5.4e-26) |
| 13970 | 23829_1.R1040.f1 | cbfd_nfyb_hmf(HMM:5.5e-38) |
| 13971 | 79176_1.R1040.f1 | cbfd_nfyb_hmf(HMM:5.6e-16) |
| 13972 | 106291_1.R1040.f3 | cbfd_nfyb_hmf(HMM:5.7) |
| 13973 | 11513_1.R1040.f1 | cbfd_nfyb_hmf(HMM:6.9e-37) |
| 13974 | 31567_3.R1040.f2 | cbfd_nfyb_hmf(HMM:8.6e-19) |
| 13975 | LIB3106-112-Q1-K1-F10.f2 | cbfd_nfyb_hmf(HMM:9.5e-07) |
| 13976 | uC-gmropic065e01b1.f2 | chromo(HMM:0.00066) |
| 13977 | LIB3039-003-Q1-E1-D1.f2 | chromo(HMM:0.018) |
| 13978 | 47441_1.R1040.f3 | "chromo(HMM:0.21),snf2_n(HMM:2.7e-07)" |
| 13979 | 47336_4.R1040.f1 | "chromo(HMM:0.21),snf2_n(HMM:2.7e-07)" |
| 13980 | 295413_1.R1040.f2 | chromo(HMM:1.1e-16) |
| 13981 | jC-gmle01810043d11d1.f4 | chromo(HMM:3.1e-09) |
| 13982 | 10517_1.R1040.f1 | chromo(HMM:4e-17) |
| 13983 | vzy700756037.h1.f3 | csd(HMM:0.057) |
| 13984 | 4999_1.R1040.f2 | csd(HMM:1.3e-23) |
| 13985 | LIB3106-022-Q1-K1-F7.f3 | csd(HMM:2.7e-22) |
| 13986 | 82711_1.R1040.f2 | csd(HMM:2e-17) |
| 13987 | LIB3051-101-Q1-K1-H12.f2 | csd(HMM:5.9e-05) |
| 13988 | 893_5.R1040.f2 | csd(HMM:6.7e-22) |
| 13989 | 282180_1.R1040.f2 | dof(HMM:0.0033) |

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| 13990 | 208892_1.R1040.f1 | dof(HMM:0.0054) |
| 13991 | jC-gmst02400069b11a1.f3 | dof(HMM:0.0071) |
| 13992 | asn701139073.h1.f1 | dof(HMM:0.038) |
| 13993 | gsv701046954.h1.f3 | dof(HMM:0.69) |
| 13994 | 1984_1.R1040.f2 | dof(HMM:1.1e-16) |
| 13995 | sat701013157.h1.f2 | dof(HMM:1.2e-05) |
| 13996 | 182948_1.R1040.f2 | dof(HMM:1.4) |
| 13997 | 9004_1.R1040.f3 | dof(HMM:1.4e-35) |
| 13998 | LIB3109-022-Q1-K1-B12.f3 | dof(HMM:1.4e-35) |
| 13999 | hrw701060018.h2.f2 | dof(HMM:2.4e-07) |
| 14000 | 18615_4.R1040.f1 | dof(HMM:2.4e-34) |
| 14001 | 18615_1.R1040.f2 | dof(HMM:2.6e-36) |
| 14002 | 18615_3.R1040.f3 | dof(HMM:2.6e-36) |
| 14003 | 250229_1.R1040.f3 | dof(HMM:2.6e-36) |
| 14004 | LIB3093-022-Q1-K1-E8.f3 | dof(HMM:2.6e-36) |
| 14005 | wvk700685541.h1.f3 | dof(HMM:2.6e-36) |
| 14006 | 187882_1.R1040.f2 | dof(HMM:2.7e-31) |
| 14007 | jC-gmfl02220146e12a1.f3 | dof(HMM:2.9e-35) |
| 14008 | 32495_1.R1040.f1 | dof(HMM:2e-26) |
| 14009 | 165353_1.R1040.f3 | dof(HMM:3.1e-35) |
| 14010 | 327999_1.R1040.f2 | dof(HMM:3.4e-11) |
| 14011 | kl1701212455.h1.f3 | dof(HMM:3.6e-35) |
| 14012 | 107719_1.R1040.f3 | dof(HMM:3.7) |
| 14013 | wvk700685338.h1.f1 | dof(HMM:3.8e-35) |
| 14014 | 48315_1.R1040.f3 | dof(HMM:3.8e-37) |
| 14015 | 65649_1.R1040.f2 | dof(HMM:3.8e-37) |
| 14016 | 171388_1.R1040.f2 | dof(HMM:3.9e-32) |
| 14017 | LIB3139-100-P1-N1-D12.f1 | dof(HMM:6.3e-05) |
| 14018 | g4291469.f1 | dof(HMM:6.5e-10) |
| 14019 | 192599_1.R1040.f2 | dof(HMM:6.7e-37) |
| 14020 | uC-gmrominsoy244h03b1.f1 | dof(HMM:7.3e-08) |
| 14021 | g5606389.f2 | dof(HMM:7.4e-35) |
| 14022 | LIB3109-052-Q1-K1-B9.f2 | dof(HMM:7.9e-34) |
| 14023 | xpa700794770.h1.f3 | dpb(HMM:0.00025) |
| 14024 | zsg701117609.h1.f1 | dpb(HMM:0.00033) |
| 14025 | LIB3051-032-Q1-K1-H11.f3 | dpb(HMM:0.00037) |
| 14026 | g4276934.f4 | dpb(HMM:0.0012) |
| 14027 | 130066_1.R1040.f3 | dpb(HMM:1.1e-78) |
| 14028 | uxk700671307.h1.f1 | dpb(HMM:1.2e-07) |
| 14029 | 1296_2.R1040.f2 | dpb(HMM:1.3e-18) |
| 14030 | 2270_2.R1040.f2 | dpb(HMM:1.8e-40) |
| 14031 | jC-gmfl02220065g11a1.f3 | dpb(HMM:2e-07) |
| 14032 | 98902_1.R1040.f3 | dpb(HMM:3e-05) |
| 14033 | 231881_1.R1040.f3 | dpb(HMM:5.9e-17) |
| 14034 | 5042_1.R1040.f1 | dpb(HMM:8.3e-77) |
| 14035 | awf700843332.h1.f2 | dpb(HMM:9.7e-17) |
| 14036 | 19648_1.R1040.f3 | enbp(HMM:0.0009) |
| 14037 | 19648_2.R1040.f3 | enbp(HMM:0.0056) |
| 14038 | 192903_1.R1040.f3 | enbp(HMM:0.17) |
| 14039 | 206874_1.R1040.f3 | enbp(HMM:1.2e-15) |
| 14040 | g5057523.f3 | enbp(HMM:1.2e-28) |
| 14041 | LIB3051-035-Q1-K1-F2.f1 | enbp(HMM:1.3e-08) |
| 14042 | LIB3139-086-P1-N1-A7.f2 | enbp(HMM:1.7e-09) |
| 14043 | 64865_2.R1040.f3 | enbp(HMM:2.7e-59) |

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| 14044 | LIB3051-022-Q1-K1-H5.f3 | enbp(HMM:2e-10) |
| 14045 | 64865_3.R1040.f1 | enbp(HMM:4.8e-05) |
| 14046 | LIB3055-002-Q1-B1-D12.f2 | enbp(HMM:4e-24) |
| 14047 | 34604_1.R1040.f3 | enbp(HMM:5.4e-07) |
| 14048 | crh700853030.h1.f3 | enbp(HMM:6e-19) |
| 14049 | 105630_1.R1040.f2 | enbp(HMM:9.8e-86) |
| 14050 | 179349_1.R1040.f2 | gata(HMM:0.085) |
| 14051 | crh700852220.h1.f1 | gata(HMM:0.38) |
| 14052 | jex700904885.h1.f3 | gata(HMM:0.55) |
| 14053 | 72433_1.R1040.f1 | gata(HMM:1.1) |
| 14054 | 99664_1.R1040.f5 | gata(HMM:1.1e-14) |
| 14055 | 43595_1.R1040.f3 | gata(HMM:1.2e-13) |
| 14056 | ncj700984309.h1.f3 | gata(HMM:1.3) |
| 14057 | vwf700678225.h1.f3 | gata(HMM:1.6e-06) |
| 14058 | 25969_2.R1040.f3 | gata(HMM:1.7e-11) |
| 14059 | rca700999496.h1.f2 | gata(HMM:2.2e-16) |
| 14060 | 33174_1.R1040.f2 | gata(HMM:2.6e-09) |
| 14061 | 15086_1.R1040.f2 | gata(HMM:2.9e-10) |
| 14062 | 43595_3.R1040.f2 | gata(HMM:3.3e-12) |
| 14063 | 27769_3.R1040.f2 | gata(HMM:3.7e-14) |
| 14064 | 264_1.R1040.f4 | gata(HMM:4.4e-15) |
| 14065 | 81690_1.R1040.f2 | gata(HMM:4.7e-15) |
| 14066 | 27769_2.R1040.f1 | gata(HMM:4.8e-14) |
| 14067 | 25969_1.R1040.f1 | gata(HMM:5.7e-16) |
| 14068 | 118539_1.R1040.f2 | gata(HMM:7.5e-12) |
| 14069 | LIB3107-067-Q1-K1-B12.f2 | gata(HMM:9.1e-13) |
| 14070 | 12730_2.R1040.f2 | gld-tea(HMM:0.00012) |
| 14071 | 18378_1.R1040.f2 | gld-tea(HMM:0.0006) |
| 14072 | 54671_1.R1040.f1 | gld-tea(HMM:0.0014) |
| 14073 | 123635_1.R1040.f1 | gld-tea(HMM:0.0059) |
| 14074 | LIB3139-043-P1-N1-G4.f1 | gld-tea(HMM:0.024) |
| 14075 | LIB3092-044-Q1-K1-A2.f2 | gld-tea(HMM:0.12) |
| 14076 | 67626_2.R1040.f2 | gld-tea(HMM:0.15) |
| 14077 | pmv700894234.h1.f2 | gld-tea(HMM:0.36) |
| 14078 | jC-gmro02910051d04a1.f3 | gld-tea(HMM:0.59) |
| 14079 | jC-gmro02910037d06a1.f2 | gld-tea(HMM:0.81) |
| 14080 | 64718_1.R1040.f3 | gld-tea(HMM:1.2e-26) |
| 14081 | jex700909505.h1.f1 | gld-tea(HMM:1.3e-12) |
| 14082 | 166976_1.R1040.f1 | gld-tea(HMM:1.3e-41) |
| 14083 | LIB3138-033-Q1-N1-F9.f1 | gld-tea(HMM:1.4e-29) |
| 14084 | jC-gmst02400061g07a1.f1 | gld-tea(HMM:1.7e-39) |
| 14085 | 117488_1.R1040.f3 | gld-tea(HMM:1.8e-37) |
| 14086 | 7634_1.R1040.f1 | gld-tea(HMM:1.9e-21) |
| 14087 | 29924_1.R1040.f1 | gld-tea(HMM:2.1e-30) |
| 14088 | 2989_2.R1040.f2 | gld-tea(HMM:2.1e-30) |
| 14089 | smc700748756.h1.f3 | gld-tea(HMM:2.2e-32) |
| 14090 | 148015_1.R1040.f2 | gld-tea(HMM:2.3e-28) |
| 14091 | 33791_1.R1040.f3 | gld-tea(HMM:2.3e-33) |
| 14092 | 33791_2.R1040.f2 | gld-tea(HMM:2.3e-33) |
| 14093 | jC-gmro02800038h07a1.f3 | gld-tea(HMM:2.4e-19) |
| 14094 | 70088_1.R1040.f2 | gld-tea(HMM:2.9e-25) |
| 14095 | taw700657234.h1.f1 | gld-tea(HMM:2e-31) |
| 14096 | sat701008362.h1.f2 | gld-tea(HMM:3.2e-17) |
| 14097 | uaw700661263.h1.f2 | gld-tea(HMM:3.6e-06) |

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| 14098 | 68701_1.R1040.f2 | "gld-tea(HMM:3.9e-12),response_reg(HMM:0.00012)" |
| 14099 | LIB3139-043-P1-N1-G10.f3 | gld-tea(HMM:4.7e-38) |
| 14100 | 12730_1.R1040.f2 | gld-tea(HMM:5.1e-25) |
| 14101 | LIB3028-002-Q1-B1-G9.f3 | gld-tea(HMM:5.2e-05) |
| 14102 | jC-gmle01810092f09a1.f2 | gld-tea(HMM:5.2e-42) |
| 14103 | 113353_1.R1040.f1 | gld-tea(HMM:5.3e-36) |
| 14104 | 4310_1.R1040.f1 | gld-tea(HMM:6.4e-26) |
| 14105 | 67626_1.R1040.f1 | gld-tea(HMM:6.7e-31) |
| 14106 | uxk700667772.h1.f2 | gld-tea(HMM:6.8e-28) |
| 14107 | xpa700795271.h1.f2 | gld-tea(HMM:7.4e-20) |
| 14108 | 29924_3.R1040.f3 | gld-tea(HMM:8.2e-10) |
| 14109 | 160524_1.R1040.f1 | gld-tea(HMM:8.3e-38) |
| 14110 | pcp700988978.h1.f3 | hhh(HMM:0.0037) |
| 14111 | 136307_1.R1040.f1 | hhh(HMM:1e-07) |
| 14112 | 4163_1.R1040.f3 | hhh(HMM:2.1e-05) |
| 14113 | pmv700894372.h1.f2 | hist_deacetyl(HMM:0.0034) |
| 14114 | 142885_1.R1040.f2 | hist_deacetyl(HMM:0.018) |
| 14115 | LIB3170-025-Q1-J1-C9.f6 | hist_deacetyl(HMM:0.096) |
| 14116 | 148877_1.R1040.f1 | hist_deacetyl(HMM:2.1e-05) |
| 14117 | 153326_1.R1040.f2 | hist_deacetyl(HMM:2.1e-05) |
| 14118 | 122767_1.R1040.f1 | hist_deacetyl(HMM:2.1e-13) |
| 14119 | 124846_1.R1040.f1 | hist_deacetyl(HMM:2.2e-23) |
| 14120 | 62823_1.R1040.f2 | hist_deacetyl(HMM:2.3e-07) |
| 14121 | LIB3107-041-Q1-K1-G12.f1 | hist_deacetyl(HMM:2.5e-15) |
| 14122 | bth700849273.h1.f3 | hist_deacetyl(HMM:3.3e-11) |
| 14123 | 172173_1.R1040.f1 | hist_deacetyl(HMM:4.5e-28) |
| 14124 | zhf700964981.h1.f2 | hist_deacetyl(HMM:4.8e-20) |
| 14125 | 147499_1.R1040.f2 | hist_deacetyl(HMM:5.3e-05) |
| 14126 | fde700872990.h1.f2 | hist_deacetyl(HMM:5.5e-24) |
| 14127 | 163733_1.R1040.f1 | hist_deacetyl(HMM:6.3e-06) |
| 14128 | g5687823.f1 | hist_deacetyl(HMM:6.3e-08) |
| 14129 | 163733_2.R1040.f3 | hist_deacetyl(HMM:8.4e-07) |
| 14130 | LIB3138-035-Q1-N1-A7.f1 | hist_deacetyl(HMM:8.5e-28) |
| 14131 | 3069_1.R1040.f3 | hist_deacetyl(HMM:8.8e-104) |
| 14132 | 235134_1.R1040.f3 | hist_deacetyl(HMM:9.4e-18) |
| 14133 | LIB3039-023-Q1-E1-D9.f1 | histone(HMM:0.00014) |
| 14134 | g5688045.f2 | histone(HMM:0.0005) |
| 14135 | LIB3040-017-Q1-E1-C5.f1 | histone(HMM:0.0006) |
| 14136 | LIB3049-043-Q1-E1-G8.f2 | histone(HMM:0.00064) |
| 14137 | asn701136208.h1.f1 | histone(HMM:0.0007) |
| 14138 | LIB3170-005-Q1-K1-C11.f2 | histone(HMM:0.0023) |
| 14139 | LIB3051-040-Q1-K1-A1.f1 | histone(HMM:0.0078) |
| 14140 | LIB3040-009-Q1-E1-E8.f3 | histone(HMM:0.021) |
| 14141 | LIB3170-009-Q2-K1-H1.f3 | histone(HMM:0.069) |
| 14142 | LIB3049-016-Q1-E1-F3.f1 | histone(HMM:0.087) |
| 14143 | LIB3092-022-Q1-K1-E10.f1 | histone(HMM:0.09) |
| 14144 | 5245_1.R1040.f3 | histone(HMM:0.14) |
| 14145 | LIB3170-032-Q1-K1-A8.f3 | histone(HMM:0.16) |
| 14146 | hyd700728637.h1.f1 | histone(HMM:0.19) |
| 14147 | LIB3049-054-Q1-E1-D7.f3 | histone(HMM:0.2) |
| 14148 | LIB3040-041-Q1-E1-E10.f1 | histone(HMM:0.38) |
| 14149 | 1793_18.R1040.f2 | histone(HMM:0.53) |

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| 14204 | 8958_2.R1040.f3 | histone(HMM:1e-49) |
| 14205 | LIB3170-009-Q1-J1-D10.f6 | histone(HMM:2.1e-12) |
| 14206 | 9050_1.R1040.fl | histone(HMM:2.2e-50) |
| 14207 | 9050_2.R1040.f3 | histone(HMM:2.2e-50) |
| 14208 | 9050_3.R1040.fl | histone(HMM:2.2e-50) |
| 14209 | rlr700899371.h1.fl | histone(HMM:2.4e-06) |
| 14210 | 6716_1.R1040.f3 | histone(HMM:2.4e-46) |
| 14211 | 6716_2.R1040.fl | histone(HMM:2.4e-46) |
| 14212 | vwf700677817.h1.fl | histone(HMM:2.5) |
| 14213 | 58724_1.R1040.f3 | histone(HMM:2.5e-43) |
| 14214 | 18710_1.R1040.fl | histone(HMM:2.5e-46) |
| 14215 | 11755_1.R1040.fl | histone(HMM:2.6e-50) |
| 14216 | gsv701051953.h1.fl | histone(HMM:2.7e-13) |
| 14217 | LIB3028-007-Q1-B1-A9.f2 | histone(HMM:2.7e-17) |
| 14218 | 1793_27.R1040.f2 | histone(HMM:2.8e-05) |
| 14219 | 5384_8.R1040.f3 | histone(HMM:2.8e-44) |
| 14220 | epx701108441.h1.fl | histone(HMM:2.9) |
| 14221 | 2548_8.R1040.f3 | histone(HMM:2.9e-17) |
| 14222 | LIB3106-102-Q1-K1-E11.f3 | histone(HMM:2e-18) |
| 14223 | LIB3106-075-Q1-K1-B12.fl | histone(HMM:3.1e-05) |
| 14224 | vzy700754394.h1.f3 | histone(HMM:3.1e-05) |
| 14225 | leu701157093.h1.f2 | histone(HMM:3.1e-07) |
| 14226 | 1793_22.R1040.f3 | histone(HMM:3.1e-11) |
| 14227 | wrg700790495.h2.f2 | histone(HMM:3.1e-13) |
| 14228 | wvk700680989.h1.f2 | histone(HMM:3.1e-14) |
| 14229 | LIB3040-033-Q1-E1-F4.f3 | histone(HMM:3.1e-15) |
| 14230 | 5384_5.R1040.f2 | histone(HMM:3.1e-48) |
| 14231 | LIB3167-017-P1-K1-F4.f2 | histone(HMM:3.2e-08) |
| 14232 | hrw701060684.h1.fl | histone(HMM:3.2e-09) |
| 14233 | 8806_2.R1040.fl | histone(HMM:3.2e-26) |
| 14234 | 132993_1.R1040.fl | histone(HMM:3.2e-44) |
| 14235 | 1530_1.R1040.fl | histone(HMM:3.3e-44) |
| 14236 | epx701107296.h1.fl | histone(HMM:3.5e-13) |
| 14237 | LIB3170-002-Q1-J1-G8.f5 | histone(HMM:3.6e-08) |
| 14238 | zhf700960431.h1.f3 | histone(HMM:3.6e-09) |
| 14239 | LIB3049-050-Q1-E1-F5.f3 | histone(HMM:3.7e-12) |
| 14240 | LIB3138-081-P1-N1-B7.f3 | histone(HMM:3.8e-19) |
| 14241 | rca700997386.h1.f3 | histone(HMM:3.9e-09) |
| 14242 | LIB3040-035-Q1-E1-G9.f3 | histone(HMM:4.1e-07) |
| 14243 | sat701009174.h1.f3 | histone(HMM:4.2e-15) |
| 14244 | hyd700729859.h1.f2 | histone(HMM:4.4e-15) |
| 14245 | 1830_2.R1040.fl | histone(HMM:4.5e-09) |
| 14246 | ncj700977983.h1.f3 | histone(HMM:4.6e-08) |
| 14247 | rlr700898354.h1.f3 | histone(HMM:4.8) |
| 14248 | LIB3170-016-Q1-K1-C5.f2 | histone(HMM:4.9e-08) |
| 14249 | LIB3049-005-Q1-E1-E10.fl | histone(HMM:4e-19) |
| 14250 | 1830_1.R1040.fl | histone(HMM:4e-44) |
| 14251 | 21297_1.R1040.f4 | histone(HMM:5.2e-42) |
| 14252 | LIB3073-002-Q1-K1-G3.f2 | histone(HMM:5e-09) |
| 14253 | LIB3170-022-Q1-K1-C9.f3 | histone(HMM:5e-10) |
| 14254 | vzy700756334.h1.f2 | histone(HMM:6.1e-23) |
| 14255 | LIB3106-074-Q1-K1-C2.fl | histone(HMM:6.2e-26) |
| 14256 | 11868_1.R1040.f3 | histone(HMM:6.3e-44) |
| 14257 | 5384_2.R1040.fl | histone(HMM:6.4e-49) |

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| 14258 | 5384_7.R1040.f2 | histone(HMM:6.4e-49) |
| 14259 | 1313_3.R1040.f5 | histone(HMM:6.5e-23) |
| 14260 | 8958_1.R1040.f1 | histone(HMM:6.5e-50) |
| 14261 | 2548_7.R1040.f1 | histone(HMM:6.8e-18) |
| 14262 | 5384_11.R1040.f1 | histone(HMM:6e-25) |
| 14263 | LIB3170-017-Q1-K1-H8.f1 | histone(HMM:7.2e-13) |
| 14264 | LIB3106-096-Q1-K1-A12.f1 | histone(HMM:7.4e-20) |
| 14265 | uC-gmronoir012b07b1.f2 | histone(HMM:7.5e-47) |
| 14266 | LIB3049-001-Q1-E1-C6.f1 | histone(HMM:7.6) |
| 14267 | LIB3039-034-Q1-E1-H5.f3 | histone(HMM:7.7e-05) |
| 14268 | LIB3040-010-Q1-E1-B10.f1 | histone(HMM:7.7e-05) |
| 14269 | 5384_3.R1040.f1 | histone(HMM:7.8e-48) |
| 14270 | 8158_1.R1040.f3 | histone(HMM:7.9e-47) |
| 14271 | 4964_1.R1040.f3 | histone(HMM:8.2e-47) |
| 14272 | 7776_1.R1040.f3 | histone(HMM:8.2e-47) |
| 14273 | 8093_1.R1040.f1 | histone(HMM:8.2e-47) |
| 14274 | 9139_1.R1040.f2 | histone(HMM:8.2e-47) |
| 14275 | jsh701067133.h1.f2 | histone(HMM:8.4e-14) |
| 14276 | hyd700726644.h1.f1 | histone(HMM:8.9e-10) |
| 14277 | LIB3107-078-Q1-K1-F5.f1 | histone(HMM:9.2e-05) |
| 14278 | 323923_1.R1040.f5 | histone(HMM:9.2e-14) |
| 14279 | 5384_10.R1040.f2 | histone(HMM:9.4e-18) |
| 14280 | wrg700786094.h2.f1 | histone(HMM:9.6e-05) |
| 14281 | LIB3170-033-Q1-K1-F2.f3 | histone(HMM:9.9e-05) |
| 14282 | taw700657519.h1.f2 | hlh(HMM:0.0001) |
| 14283 | 21857_1.R1040.f1 | hlh(HMM:0.00022) |
| 14284 | rlr700898156.h1.f1 | hlh(HMM:0.00023) |
| 14285 | 12255_3.R1040.f2 | hlh(HMM:0.00035) |
| 14286 | gsv701056674.h1.f2 | hlh(HMM:0.0011) |
| 14287 | LIB3029-011-Q1-B1-G3.f1 | hlh(HMM:0.0014) |
| 14288 | 148437_1.R1040.f2 | hlh(HMM:0.0015) |
| 14289 | g5666744.f3 | hlh(HMM:0.0036) |
| 14290 | 110458_1.R1040.f1 | hlh(HMM:0.0059) |
| 14291 | 2379_1.R1040.f1 | hlh(HMM:0.0073) |
| 14292 | ncj700981519.h1.f1 | hlh(HMM:0.02) |
| 14293 | fC-gmle700555621f3.f6 | hlh(HMM:0.027) |
| 14294 | uC-gmropic025b06b1.f2 | hlh(HMM:0.03) |
| 14295 | 232062_1.R1040.f1 | hlh(HMM:0.043) |
| 14296 | 179143_1.R1040.f1 | hlh(HMM:0.046) |
| 14297 | LIB3087-005-Q1-K1-E9.f6 | hlh(HMM:0.054) |
| 14298 | 80988_1.R1040.f3 | hlh(HMM:0.066) |
| 14299 | 116902_1.R1040.f2 | hlh(HMM:0.071) |
| 14300 | 2379_2.R1040.f2 | hlh(HMM:0.095) |
| 14301 | 112331_1.R1040.f2 | hlh(HMM:0.11) |
| 14302 | 75406_1.R1040.f2 | hlh(HMM:0.17) |
| 14303 | 116902_2.R1040.f1 | hlh(HMM:0.35) |
| 14304 | 68494_1.R1040.f1 | hlh(HMM:1.2e-08) |
| 14305 | jsh701065109.h1.f2 | hlh(HMM:1.3e-09) |
| 14306 | 680_1.R1040.f2 | hlh(HMM:1.3e-14) |
| 14307 | 150715_1.R1040.f2 | hlh(HMM:1.5e-10) |
| 14308 | 119719_1.R1040.f2 | hlh(HMM:1.7e-15) |
| 14309 | 118083_1.R1040.f3 | hlh(HMM:1.8e-08) |
| 14310 | 4335_1.R1040.f2 | hlh(HMM:1.8e-10) |
| 14311 | 21084_1.R1040.f3 | hlh(HMM:1.9e-13) |

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| 14312 | 138767_1.R1040.f3 | h1h(HMM:2.2e-10) |
| 14313 | 249237_1.R1040.f1 | h1h(HMM:2.5e-09) |
| 14314 | g5058300.f2 | h1h(HMM:2.5e-09) |
| 14315 | 114950_1.R1040.f1 | h1h(HMM:2.5e-12) |
| 14316 | 9818_1.R1040.f3 | h1h(HMM:2.6e-05) |
| 14317 | 66406_1.R1040.f2 | h1h(HMM:2.6e-09) |
| 14318 | 19262_1.R1040.f3 | h1h(HMM:2.8e-13) |
| 14319 | 149817_1.R1040.f3 | h1h(HMM:3.8e-06) |
| 14320 | 77385_1.R1040.f1 | h1h(HMM:3.8e-10) |
| 14321 | 16111_1.R1040.f1 | h1h(HMM:3.9e-08) |
| 14322 | 82903_1.R1040.f1 | h1h(HMM:4.1e-09) |
| 14323 | 2169_1.R1040.f3 | h1h(HMM:4.2e-12) |
| 14324 | 2169_3.R1040.f1 | h1h(HMM:4.2e-12) |
| 14325 | jC-gmfl02220102f12a1.f2 | h1h(HMM:4.2e-12) |
| 14326 | 19262_2.R1040.f1 | h1h(HMM:4.2e-13) |
| 14327 | 12143_1.R1040.f3 | h1h(HMM:4.3e-10) |
| 14328 | 29402_1.R1040.f3 | h1h(HMM:4.5e-09) |
| 14329 | 50777_1.R1040.f3 | h1h(HMM:4.5e-14) |
| 14330 | 59673_1.R1040.f3 | h1h(HMM:4.7e-07) |
| 14331 | 57030_1.R1040.f3 | h1h(HMM:4.8e-15) |
| 14332 | 48067_1.R1040.f3 | h1h(HMM:4e-09) |
| 14333 | 87706_1.R1040.f2 | h1h(HMM:4e-10) |
| 14334 | 238638_1.R1040.f2 | h1h(HMM:4e-13) |
| 14335 | LIB3106-032-Q1-K1-B6.f1 | h1h(HMM:5.3e-12) |
| 14336 | jC-gmfl02220081h06a1.f2 | h1h(HMM:6.4e-07) |
| 14337 | 12255_2.R1040.f1 | h1h(HMM:6.6e-05) |
| 14338 | 30853_1.R1040.f1 | h1h(HMM:7.8e-11) |
| 14339 | 46911_2.R1040.f2 | h1h(HMM:8.4e-07) |
| 14340 | 172245_1.R1040.f1 | h1h(HMM:8.5e-11) |
| 14341 | 1135_1.R1040.f2 | h1h(HMM:9.6e-06) |
| 14342 | 46923_1.R1040.f2 | h1h(HMM:9.7e-05) |
| 14343 | 41959_1.R1040.f3 | h1h(HMM:9e-05) |
| 14344 | 189248_1.R1040.f1 | h1h(HMM:9e-08) |
| 14345 | LIB3039-005-Q1-E1-C6.f2 | hmg_box(HMM:0.00033) |
| 14346 | LIB3170-085-Q1-K1-E4.f3 | hmg_box(HMM:0.001) |
| 14347 | LIB3092-004-Q1-K1-B5.f2 | hmg_box(HMM:0.0041) |
| 14348 | pxt700943934.h1.f3 | hmg_box(HMM:0.013) |
| 14349 | 380_4.R1040.f1 | hmg_box(HMM:0.034) |
| 14350 | LIB3049-042-Q1-E1-D6.f1 | hmg_box(HMM:0.072) |
| 14351 | fde700873131.h1.f2 | hmg_box(HMM:0.27) |
| 14352 | LIB3040-049-Q1-E1-C1.f1 | hmg_box(HMM:0.39) |
| 14353 | LIB3040-034-Q1-E1-A2.f3 | hmg_box(HMM:0.61) |
| 14354 | LIB3049-007-Q1-E1-D4.f3 | hmg_box(HMM:0.94) |
| 14355 | ssr700559324.h1.f2 | hmg_box(HMM:1.2e-34) |
| 14356 | 36191_1.R1040.f2 | hmg_box(HMM:1.3e-20) |
| 14357 | kl1701210145.h1.f1 | hmg_box(HMM:1.4e-05) |
| 14358 | 380_1.R1040.f2 | hmg_box(HMM:1.4e-29) |
| 14359 | fua701040918.h1.f1 | hmg_box(HMM:1.8e-08) |
| 14360 | 4101_1.R1040.f2 | hmg_box(HMM:2.2e-26) |
| 14361 | zsg701129793.h1.f3 | hmg_box(HMM:2.3) |
| 14362 | 90385_1.R1040.f5 | hmg_box(HMM:2.4e-31) |
| 14363 | LIB3039-016-Q1-E1-A3.f2 | hmg_box(HMM:2.5e-11) |
| 14364 | LIB3106-038-Q1-K1-C6.f3 | hmg_box(HMM:2.5e-13) |
| 14365 | g5753699.f1 | hmg_box(HMM:2e-30) |

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| 14366 | zhf700952013.h1.f1 | hmg_box(HMM:3.3e-11) |
| 14367 | LIB3051-063-Q1-K1-B11.f3 | hmg_box(HMM:3.4e-25) |
| 14368 | 4802_1.R1040.f2 | hmg_box(HMM:3.4e-31) |
| 14369 | 14608_2.R1040.f5 | hmg_box(HMM:3.8e-17) |
| 14370 | 16850_1.R1040.f1 | hmg_box(HMM:3.9e-29) |
| 14371 | jC-gmro02910041076a1.f1 | hmg_box(HMM:4.8e-22) |
| 14372 | 14608_1.R1040.f6 | hmg_box(HMM:5.2e-31) |
| 14373 | 4802_2.R1040.f3 | hmg_box(HMM:5.9e-21) |
| 14374 | LIB3167-027-P1-K1-C1.f1 | hmg_box(HMM:6.4e-22) |
| 14375 | 380_3.R1040.f3 | hmg_box(HMM:6.5e-24) |
| 14376 | wvk700681408.h2.f2 | hmg_box(HMM:7.3) |
| 14377 | LIB3040-017-Q1-E1-G12.f3 | hmg_box(HMM:7.6) |
| 14378 | zsg701122328.h1.f6 | hmg_box(HMM:8.2e-07) |
| 14379 | LIB3138-069-P1-N1-G10.f3 | hmg_box(HMM:8.3e-12) |
| 14380 | LIB3087-001-Q1-K1-E10.f3 | hmg_box(HMM:9e-14) |
| 14381 | kl1701212376.h1.f3 | homeobox(HMM:0.0003) |
| 14382 | 556_1.R1040.f3 | "homeobox(HMM:0.00041),homeobox_knox3(1.5e-34)" |
| 14383 | 5787_1.R1040.f1 | "homeobox(HMM:0.0006),homeobox_knox3(1.5e-10)" |
| 14384 | sat701013785.h1.f1 | "homeobox(HMM:0.00064),homeobox_knox3(8.4e-06)" |
| 14385 | 67987_1.R1040.f1 | "homeobox(HMM:0.0035),homeobox_knox3(4.0e-37)" |
| 14386 | 31791_1.R1040.f1 | "homeobox(HMM:0.0044),homeobox_knox3(1.4e-20),homeobox_mat(0.0010)" |
| 14387 | 220535_1.R1040.f2 | "homeobox(HMM:0.0061),homeobox_knox3(2.2e-12)" |
| 14388 | 556_2.R1040.f1 | "homeobox(HMM:0.0065),homeobox_knox3(1.5e-30)" |
| 14389 | 63316_1.R1040.f2 | "homeobox(HMM:0.0076),homeobox_knox3(9.8e-13)" |
| 14390 | 46255_1.R1040.f3 | "homeobox(HMM:0.0079),homeobox_knox3(9.5e-11)" |
| 14391 | 20275_1.R1040.f2 | "homeobox(HMM:0.0087),homeobox_knox3(5.4e-12),homeobox_mat(0.0009)" |
| 14392 | 235281_1.R1040.f2 | "homeobox(HMM:0.014),homeobox_knox3(4.8e-35)" |
| 14393 | 7598_1.R1040.f3 | "homeobox(HMM:0.018),homeobox_knox3(1.1e-22)" |
| 14394 | 62496_1.R1040.f3 | "homeobox(HMM:0.02),homeobox_knox3(5.6e-12)" |
| 14395 | 19335_1.R1040.f3 | "homeobox(HMM:0.025),homeobox_knox3(3.7e-22)" |
| 14396 | 33403_1.R1040.f1 | "homeobox(HMM:0.027),homeobox_knox3(7.7e-26)" |
| 14397 | 2593_1.R1040.f2 | "homeobox(HMM:0.037),homeobox_knox3(3.7e-12)" |
| 14398 | 46255_4.R1040.f1 | "homeobox(HMM:0.044),homeobox_knox3(1.4e-10)" |
| 14399 | jC-gmro02910047g01a1.f3 | homeobox(HMM:0.092) |
| 14400 | 129751_1.R1040.f1 | "homeobox(HMM:0.12),homeob |

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| 14401 | 7598_4.R1040.f1 | ox_knox3(3.5e-09)" "homeobox(HMM:0.2),homeobox_knox3(5.7e-19)" |
| 14402 | jC-gmro02800034b10a1.f2 | "homeobox(HMM:0.24),homeobox_knox3(9.6e-19)" |
| 14403 | 138756_1.R1040.f1 | homeobox(HMM:1) |
| 14404 | 47849_1.R1040.f3 | homeobox(HMM:1.1e-20) |
| 14405 | 237426_1.R1040.f1 | homeobox(HMM:1.2) |
| 14406 | 13906_1.R1040.f2 | homeobox(HMM:1.2e-18) |
| 14407 | 185679_1.R1040.f3 | homeobox(HMM:1.2e-18) |
| 14408 | 263611_1.R1040.f1 | homeobox(HMM:1.3e-12) |
| 14409 | 354264_1.R1040.f2 | homeobox(HMM:1.4e-15) |
| 14410 | 7481_1.R1040.f1 | homeobox(HMM:1.5e-19) |
| 14411 | jC-gmle01810073f02d1.f5 | "homeobox(HMM:1.7e-06),homeobox_knox3(1.4e-34)" |
| 14412 | 75839_1.R1040.f1 | "homeobox(HMM:1.9),homeobox_knox3(4.2e-09)" |
| 14413 | 47852_1.R1040.f1 | "homeobox(HMM:1.9e-08),phd(HMM:2.7e-12)" |
| 14414 | 2297_1.R1040.f2 | homeobox(HMM:1e-19) |
| 14415 | LIB3093-015-Q1-K1-A9.f1 | homeobox(HMM:1e-19) |
| 14416 | LIB3138-021-Q1-N1-B8.f2 | homeobox(HMM:1e-19) |
| 14417 | 101833_1.R1040.f1 | homeobox(HMM:2.1) |
| 14418 | 733_21.R1040.f1 | homeobox(HMM:2.1e-17) |
| 14419 | 126778_1.R1040.f3 | homeobox(HMM:2.3e-15) |
| 14420 | 120026_1.R1040.f2 | homeobox(HMM:2.4e-05) |
| 14421 | LIB3139-040-P1-N1-D1.f3 | homeobox(HMM:2.4e-19) |
| 14422 | 27738_1.R1040.f2 | homeobox(HMM:2.9e-15) |
| 14423 | 2873_1.R1040.f2 | homeobox(HMM:3.2e-19) |
| 14424 | LIB3138-093-Q1-N1-H6.f2 | homeobox(HMM:3.2e-19) |
| 14425 | 84555_1.R1040.f3 | "homeobox(HMM:3.4e-05),homeobox_knox3(7.6e-32)" |
| 14426 | LIB3051-078-Q1-K1-G11.f2 | homeobox(HMM:3.5e-16) |
| 14427 | 464_1.R1040.f1 | homeobox(HMM:3.6e-17) |
| 14428 | 6029_2.R1040.f2 | homeobox(HMM:3.7e-10) |
| 14429 | 49928_1.R1040.f1 | homeobox(HMM:3.7e-15) |
| 14430 | 10491_1.R1040.f3 | homeobox(HMM:3.9e-18) |
| 14431 | 464_2.R1040.f2 | homeobox(HMM:4.2e-12) |
| 14432 | jC-gmst02400054h07a1.f2 | homeobox(HMM:4.7e-16) |
| 14433 | asn701136723.h1.f3 | homeobox(HMM:4.9e-19) |
| 14434 | 2297_2.R1040.f2 | homeobox(HMM:5.6e-19) |
| 14435 | 81815_1.R1040.f2 | homeobox(HMM:6.7) |
| 14436 | jC-gmro02910022c12d1.f1 | homeobox(HMM:6.8e-16) |
| 14437 | 78625_1.R1040.f1 | homeobox(HMM:6.9e-20) |
| 14438 | 23796_1.R1040.f3 | homeobox(HMM:9.2e-18) |
| 14439 | kll701205621.h1.f1 | homeobox(HMM:9.6e-06) |
| 14440 | 384_3.R1040.f2 | hsf_dna-bind(HMM:0.0028) |
| 14441 | 78395_1.R1040.f3 | hsf_dna-bind(HMM:0.034) |
| 14442 | 209926_1.R1040.f2 | hsf_dna-bind(HMM:0.65) |
| 14443 | 70195_1.R1040.f3 | hsf_dna-bind(HMM:1.1e-52) |
| 14444 | 122_4.R1040.f4 | hsf_dna-bind(HMM:1.1e-60) |
| 14445 | 387_2.R1040.f2 | hsf_dna-bind(HMM:1.2e-48) |
| 14446 | 383_1.R1040.f1 | hsf_dna-bind(HMM:1.2e-83) |
| 14447 | 76611_1.R1040.f1 | hsf_dna-bind(HMM:1.3e-07) |

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| 14448 | 384_1.R1040.f2 | hsf_dna-bind(HMM:1.3e-57) |
| 14449 | 6560_1.R1040.f2 | hsf_dna-bind(HMM:1.4e-41) |
| 14450 | 65098_1.R1040.f1 | hsf_dna-bind(HMM:1.5e-53) |
| 14451 | 122_2.R1040.f4 | hsf_dna-bind(HMM:1.5e-58) |
| 14452 | jC-gmro02910062b09a1.f1 | hsf_dna-bind(HMM:1.6e-06) |
| 14453 | 70195_2.R1040.f1 | hsf_dna-bind(HMM:1.7e-08) |
| 14454 | 122_6.R1040.f5 | hsf_dna-bind(HMM:2.2) |
| 14455 | 387_3.R1040.f1 | hsf_dna-bind(HMM:2.3) |
| 14456 | 385_1.R1040.f1 | hsf_dna-bind(HMM:2.4e-61) |
| 14457 | 181_1.R1040.f4 | hsf_dna-bind(HMM:2.5e-05) |
| 14458 | 385_2.R1040.f1 | hsf_dna-bind(HMM:2.9e-23) |
| 14459 | 50067_1.R1040.f1 | hsf_dna-bind(HMM:2.9e-57) |
| 14460 | 387_1.R1040.f1 | hsf_dna-bind(HMM:2.9e-66) |
| 14461 | 6290_1.R1040.f1 | hsf_dna-bind(HMM:2e-28) |
| 14462 | 384_2.R1040.f3 | hsf_dna-bind(HMM:3.2e-46) |
| 14463 | LIB3028-031-Q1-B1-F2.f2 | hsf_dna-bind(HMM:3.4e-21) |
| 14464 | LIB3138-126-Q1-N1-A1.f1 | hsf_dna-bind(HMM:3.5e-53) |
| 14465 | 230085_1.R1040.f3 | hsf_dna-bind(HMM:3e-12) |
| 14466 | 13936_2.R1040.f1 | hsf_dna-bind(HMM:4.2e-57) |
| 14467 | jC-gmro02910071a08a1.f2 | hsf_dna-bind(HMM:4.4e-07) |
| 14468 | hrw701060607.h1.f1 | hsf_dna-bind(HMM:4.5) |
| 14469 | LIB3139-119-P1-N1-A12.f2 | hsf_dna-bind(HMM:4.5e-09) |
| 14470 | jC-gmro02910072h09a1.f2 | hsf_dna-bind(HMM:4.7e-07) |
| 14471 | LIB3065-001-Q1-N1-A6.f2 | hsf_dna-bind(HMM:4.8) |
| 14472 | 35655_1.R1040.f1 | hsf_dna-bind(HMM:5.1e-65) |
| 14473 | fde700872947.h1.f3 | hsf_dna-bind(HMM:5.4e-08) |
| 14474 | 122311_1.R1040.f2 | hsf_dna-bind(HMM:5.7e-51) |
| 14475 | 102601_1.R1040.f2 | hsf_dna-bind(HMM:5.8e-83) |
| 14476 | 46527_1.R1040.f1 | hsf_dna-bind(HMM:7e-93) |
| 14477 | fC-gmse700669003k1.f4 | hsf_dna-bind(HMM:8.1e-09) |
| 14478 | 25839_1.R1040.f2 | hsf_dna-bind(HMM:8.5e-64) |
| 14479 | 45325_2.R1040.f2 | hsf_dna-bind(HMM:8.6e-66) |
| 14480 | uC-gmrominsoy141a08b1.f3 | iaa(HMM:0.00014) |
| 14481 | 147803_1.R1040.f2 | iaa(HMM:0.00016) |
| 14482 | g4292511.f3 | iaa(HMM:0.00022) |
| 14483 | fua701037510.h1.f2 | iaa(HMM:0.00078) |
| 14484 | LIB3106-020-Q1-K1-C10.f2 | iaa(HMM:0.00079) |
| 14485 | 294291_1.R1040.f1 | iaa(HMM:0.0009) |
| 14486 | 75638_1.R1040.f3 | iaa(HMM:0.0032) |
| 14487 | uC-gmrominsoy172d07b1.f1 | iaa(HMM:0.011) |
| 14488 | 165120_1.R1040.f2 | iaa(HMM:0.012) |
| 14489 | 20391_1.R1040.f2 | iaa(HMM:0.018) |
| 14490 | asn701137240.h1.f3 | iaa(HMM:0.045) |
| 14491 | jC-gmfl02220104d07d1.f6 | iaa(HMM:0.066) |
| 14492 | jC-gmle01810061b03a1.f2 | iaa(HMM:0.07) |
| 14493 | 29338_1.R1040.f2 | iaa(HMM:0.75) |
| 14494 | 86291_1.R1040.f3 | iaa(HMM:0.84) |
| 14495 | 522_2.R1040.f2 | iaa(HMM:1.1e-09) |
| 14496 | seb700652780.h1.f3 | iaa(HMM:1.1e-17) |
| 14497 | 108315_1.R1040.f1 | iaa(HMM:1.3e-44) |
| 14498 | 523_2.R1040.f3 | iaa(HMM:1.3e-45) |
| 14499 | LIB3028-029-Q1-B1-H9.f3 | iaa(HMM:1.5e-14) |
| 14500 | ary700764411.h1.f3 | iaa(HMM:1.6e-12) |
| 14501 | kil701207169.h1.f1 | iaa(HMM:1.8) |

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| 14502 | 522_1.R1040.f3 | iaa(HMM:1.9e-56) |
| 14503 | 31282_1.R1040.f2 | iaa(HMM:1e-35) |
| 14504 | 19644_2.R1040.f1 | iaa(HMM:1e-49) |
| 14505 | 333749_1.R1040.f1 | iaa(HMM:2.1e-33) |
| 14506 | 2704_1.R1040.f2 | iaa(HMM:2.3e-35) |
| 14507 | 108840_1.R1040.f3 | iaa(HMM:2.3e-56) |
| 14508 | 2769_2.R1040.f1 | iaa(HMM:2.3e-64) |
| 14509 | LIB3109-035-Q1-K2-E6.f1 | iaa(HMM:2.4e-09) |
| 14510 | 2131_1.R1040.f3 | iaa(HMM:2.4e-67) |
| 14511 | 32706_1.R1040.f3 | iaa(HMM:2.5e-06) |
| 14512 | 169896_1.R1040.f3 | iaa(HMM:2.5e-08) |
| 14513 | 12357_1.R1040.f1 | iaa(HMM:2.5e-49) |
| 14514 | 2131_3.R1040.f2 | iaa(HMM:2.6e-65) |
| 14515 | 117021_1.R1040.f2 | iaa(HMM:2.8e-20) |
| 14516 | LIB3087-002-Q1-K1-D9.f1 | iaa(HMM:2.9e-28) |
| 14517 | 109467_1.R1040.f3 | iaa(HMM:2.9e-29) |
| 14518 | 523_1.R1040.f2 | iaa(HMM:2.9e-68) |
| 14519 | jex700908337.h1.f3 | iaa(HMM:2e-05) |
| 14520 | 4055_2.R1040.f1 | iaa(HMM:2e-06) |
| 14521 | LIB3092-021-Q1-K1-A11.f3 | iaa(HMM:2e-08) |
| 14522 | 23694_1.R1040.f1 | iaa(HMM:3.3e-34) |
| 14523 | 636_2.R1040.f2 | iaa(HMM:3.3e-56) |
| 14524 | 2131_2.R1040.f1 | iaa(HMM:3.5e-62) |
| 14525 | 15272_1.R1040.f1 | iaa(HMM:3.6e-61) |
| 14526 | 788_2.R1040.f1 | iaa(HMM:3.7e-57) |
| 14527 | jC-gmfl02220097f03a1.f3 | iaa(HMM:4.2e-11) |
| 14528 | uaw700665388.h1.f3 | iaa(HMM:4.5e-20) |
| 14529 | hrw701060413.h1.f1 | iaa(HMM:4.7e-07) |
| 14530 | 788_1.R1040.f2 | iaa(HMM:4.7e-48) |
| 14531 | 14925_1.R1040.f2 | iaa(HMM:4e-32) |
| 14532 | 303157_1.R1040.f2 | iaa(HMM:5.2e-18) |
| 14533 | 636_1.R1040.f2 | iaa(HMM:5.5e-67) |
| 14534 | uC-gmronoir013c01b1.f2 | iaa(HMM:6.3e-20) |
| 14535 | 6HA-01-Q1-E1-B3.f6 | iaa(HMM:6.4) |
| 14536 | zhf700959213.h1.f2 | iaa(HMM:6.8e-08) |
| 14537 | uC-gmrominsoy141d12b1.f1 | iaa(HMM:7.5) |
| 14538 | 636_3.R1040.f1 | iaa(HMM:8.6e-66) |
| 14539 | 20122_1.R1040.f1 | iaa(HMM:8.8e-12) |
| 14540 | zsg701124726.h1.f2 | iaa(HMM:8.9e-05) |
| 14541 | 523_3.R1040.f3 | iaa(HMM:9.2e-11) |
| 14542 | 4055_1.R1040.f1 | iaa(HMM:9.6e-11) |
| 14543 | 19644_1.R1040.f2 | iaa(HMM:9.8e-62) |
| 14544 | 205244_1.R1040.f3 | ibr(HMM:0.34) |
| 14545 | 58014_1.R1040.f3 | ibr(HMM:1.3e-16) |
| 14546 | 25497_1.R1040.f2 | "ibr(HMM:2.5e-08),zf- c3hc4(HMM:0.013)" |
| 14547 | 6965_2.R1040.f1 | ibr(HMM:4.2e-20) |
| 14548 | 6965_3.R1040.f3 | ibr(HMM:5.5e-13) |
| 14549 | 91156_1.R1040.f4 | k-box(HMM:0.0036) |
| 14550 | kl1701206994.h1.f2 | k-box(HMM:0.004) |
| 14551 | LIB3139-100-P1-N1-H10.f3 | k-box(HMM:0.0044) |
| 14552 | 32643_1.R1040.f2 | "k-box(HMM:0.0044),srf- tf(HMM:5.9e-36)" |
| 14553 | 233177_1.R1040.f1 | k-box(HMM:0.0091) |

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| 14554 | 244_1.R1040.f1 | "k-box(HMM:0.013),srf- tf(HMM:6.5e-32)" |
| 14555 | LIB3050-012-Q1-E1-B4.f2 | k-box(HMM:0.15) |
| 14556 | 1579_3.R1040.f2 | "k-box(HMM:1.1e-31),srf- tf(HMM:3.8e-37)" |
| 14557 | 43586_2.R1040.f2 | "k-box(HMM:1.2e-09),srf- tf(HMM:3.4e-36)" |
| 14558 | uC-gmflminsoyl20d10b1.f1 | k-box(HMM:1.5e-05) |
| 14559 | 128341_1.R1040.f2 | "k-box(HMM:1.5e-07),srf- tf(HMM:1.2e-32)" |
| 14560 | 65324_1.R1040.f1 | "k-box(HMM:1.6e-19),srf- tf(HMM:9.6e-35)" |
| 14561 | 257856_1.R1040.f2 | k-box(HMM:1.9e-18) |
| 14562 | 180462_1.R1040.f2 | "k-box(HMM:1e-06),srf- tf(HMM:1e-33)" |
| 14563 | 67995_1.R1040.f3 | "k-box(HMM:1e-12),srf- tf(HMM:4.5e-38)" |
| 14564 | 35441_1.R1040.f3 | "k-box(HMM:1e-21),srf- tf(HMM:7e-37)" |
| 14565 | 15187_1.R1040.f2 | "k-box(HMM:2.1e-22),srf- tf(HMM:6.4e-37)" |
| 14566 | 43586_1.R1040.f1 | "k-box(HMM:2.5e-18),srf- tf(HMM:2.6e-34)" |
| 14567 | 47988_1.R1040.f2 | "k-box(HMM:2.6e-05),srf- tf(HMM:2.2e-32)" |
| 14568 | 63204_1.R1040.f3 | "k-box(HMM:3.4e-12),srf- tf(HMM:6.1e-35)" |
| 14569 | 1576_1.R1040.f3 | "k-box(HMM:3.5),srf- tf(HMM:4.3e-37)" |
| 14570 | hyd700728433.h1.f1 | k-box(HMM:3.7e-18) |
| 14571 | 90218_1.R1040.f4 | k-box(HMM:4.7e-07) |
| 14572 | 15223_1.R1040.f1 | "k-box(HMM:5.5e-15),srf- tf(HMM:9.4e-38)" |
| 14573 | xpa700793706.h1.f1 | k-box(HMM:5.8e-23) |
| 14574 | 1575_1.R1040.f2 | "k-box(HMM:5.8e-27),srf- tf(HMM:1.3e-36)" |
| 14575 | hrw701059890.h1.f1 | k-box(HMM:6.1e-10) |
| 14576 | 139861_1.R1040.f1 | k-box(HMM:6.8) |
| 14577 | 1575_2.R1040.f3 | "k-box(HMM:7e-36),srf- tf(HMM:6.5e-24)" |
| 14578 | ncj700979602.h2.f2 | k-box(HMM:8.2e-05) |
| 14579 | LIB3072-059-Q1-K1-E6.f1 | k-box(HMM:8.6e-20) |
| 14580 | zhf700963673.h1.f2 | k-box(HMM:8e-10) |
| 14581 | jex700904960.h1.f1 | k-box(HMM:8e-19) |
| 14582 | pxt700943986.h1.f1 | lim(HMM:0.0001) |
| 14583 | LIB3139-011-P1-N1-C4.f3 | lim(HMM:0.00019) |
| 14584 | 80623_1.R1040.f1 | lim(HMM:0.00047) |
| 14585 | zhf700956623.h1.f1 | lim(HMM:0.00061) |
| 14586 | bnh700764577.h1.f2 | lim(HMM:0.0015) |
| 14587 | LIB3028-011-Q1-B1-G8.f2 | lim(HMM:0.0066) |
| 14588 | uC-gmropic090f10b1.f3 | lim(HMM:0.06) |
| 14589 | jsh701067440.h1.f3 | lim(HMM:0.13) |
| 14590 | 1588_2.R1040.f1 | lim(HMM:1.1e-34) |
| 14591 | LIB3028-037-Q1-B1-G7.f3 | lim(HMM:1.2e-10) |

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| 14592 | uC-gmropic043d06b1.f3 | lim(HMM:1.5e-13) |
| 14593 | 1582_1.R1040.f1 | lim(HMM:1.7e-13) |
| 14594 | 1970_1.R1040.f2 | lim(HMM:1.8e-12) |
| 14595 | 4747_2.R1040.f5 | lim(HMM:2.2e-17) |
| 14596 | uC-gmropic020d02b1.f2 | lim(HMM:2.4e-07) |
| 14597 | 68293_1.R1040.f1 | lim(HMM:2.8e-07) |
| 14598 | LIB3107-008-Q1-K1-D2.f2 | lim(HMM:3.1e-11) |
| 14599 | 2457_1.R1040.f1 | lim(HMM:4.3e-14) |
| 14600 | 191147_1.R1040.f1 | lim(HMM:6.2e-13) |
| 14601 | jsh701068964.h1.f1 | lim(HMM:6.3) |
| 14602 | 1588_1.R1040.f2 | lim(HMM:7.4e-34) |
| 14603 | 3_1.R1040.f2 | lim(HMM:7.5e-33) |
| 14604 | 19201_1.R1040.f3 | lim(HMM:9.8e-32) |
| 14605 | jex700904284.h1.f2 | linker_histone(HMM:0.00018) |
| 14606 | LIB3049-029-Q1-E1-G6.f3 | linker_histone(HMM:0.00018) |
| 14607 | 3188_3.R1040.f1 | linker_histone(HMM:0.00076) |
| 14608 | kl1701206107.h1.f3 | linker_histone(HMM:0.016) |
| 14609 | LIB3053-011-Q1-N1-F5.f3 | linker_histone(HMM:1.2e-05) |
| 14610 | 21518_1.R1040.f3 | linker_histone(HMM:1.2e-21) |
| 14611 | 121945_1.R1040.f2 | linker_histone(HMM:1.2e-33) |
| 14612 | 21656_2.R1040.f1 | "linker_histone(HMM:1.5e-09),myb_dna-binding(HMM:0.34)" |
| 14613 | 3188_1.R1040.f1 | linker_histone(HMM:1.7e-31) |
| 14614 | fC-gmse7000755389a1.f2 | linker_histone(HMM:1.8e-21) |
| 14615 | 381_1.R1040.f1 | linker_histone(HMM:1.8e-24) |
| 14616 | 12908_1.R1040.f1 | "linker_histone(HMM:1e-08),myb_dna-binding(HMM:0.0015)" |
| 14617 | 8792_1.R1040.f2 | linker_histone(HMM:2.5e-22) |
| 14618 | 2930_1.R1040.f3 | linker_histone(HMM:2.6e-36) |
| 14619 | 2930_2.R1040.f1 | linker_histone(HMM:3.9e-36) |
| 14620 | 3188_2.R1040.f2 | linker_histone(HMM:6.2e-32) |
| 14621 | 21518_2.R1040.f2 | linker_histone(HMM:6.5e-22) |
| 14622 | 381_2.R1040.f2 | linker_histone(HMM:8.6e-24) |
| 14623 | 7409_1.R1040.f3 | linker_histone(HMM:8.8e-28) |
| 14624 | 7409_2.R1040.f2 | linker_histone(HMM:9.2e-28) |
| 14625 | 82419_1.R1040.f2 | linker_histone(HMM:9.9e-22) |
| 14626 | 114555_1.R1040.f3 | myb_dna-binding(HMM:0.00017) |
| 14627 | 21478_1.R1040.f2 | myb_dna-binding(HMM:0.00017) |
| 14628 | 93066_1.R1040.f5 | myb_dna-binding(HMM:0.00021) |
| 14629 | 21656_1.R1040.f1 | myb_dna-binding(HMM:0.00044) |
| 14630 | LIB3139-090-P1-N1-C11.f3 | myb_dna-binding(HMM:0.00047) |
| 14631 | 130249_1.R1040.f3 | myb_dna-binding(HMM:0.00053) |
| 14632 | jex700907612.h1.f2 | myb_dna-binding(HMM:0.00069) |
| 14633 | ncj700985623.h1.f1 | myb_dna-binding(HMM:0.00073) |

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| 14634 | zhf700955159.h1.f2 | myb_dna-binding(HMM:0.00084) |
| 14635 | kmv700739430.h1.f3 | myb_dna-binding(HMM:0.001) |
| 14636 | seb700649584.h1.f1 | myb_dna-binding(HMM:0.0012) |
| 14637 | 29933_1.R1040.f3 | myb_dna-binding(HMM:0.0021) |
| 14638 | zpz700831485.h1.f3 | myb_dna-binding(HMM:0.0025) |
| 14639 | 80674_1.R1040.f1 | myb_dna-binding(HMM:0.003) |
| 14640 | g5263160_FL.f1 | myb_dna-binding(HMM:0.0033) |
| 14641 | zhf700955837.h1.f2 | myb_dna-binding(HMM:0.0038) |
| 14642 | LIB3053-014-Q1-N1-B5.f2 | myb_dna-binding(HMM:0.0039) |
| 14643 | 3217_8.R1040.f3 | myb_dna-binding(HMM:0.004) |
| 14644 | 124449_1.R1040.f1 | myb_dna-binding(HMM:0.0049) |
| 14645 | 30544_1.R1040.f3 | myb_dna-binding(HMM:0.0052) |
| 14646 | 4876_4.R1040.f2 | myb_dna-binding(HMM:0.0062) |
| 14647 | epx701104710.h1.f3 | myb_dna-binding(HMM:0.0069) |
| 14648 | bth700846492.h1.f3 | myb_dna-binding(HMM:0.0091) |
| 14649 | 105904_1.R1040.f1 | myb_dna-binding(HMM:0.0093) |
| 14650 | 244467_1.R1040.f2 | myb_dna-binding(HMM:0.0098) |
| 14651 | 13534_3.R1040.f1 | myb_dna-binding(HMM:0.013) |
| 14652 | 86871_1.R1040.f1 | myb_dna-binding(HMM:0.019) |
| 14653 | LIB3028-053-Q1-B1-G10.f3 | myb_dna-binding(HMM:0.031) |
| 14654 | 45639_1.R1040.f1 | myb_dna-binding(HMM:0.077) |
| 14655 | 63926_1.R1040.f1 | myb_dna-binding(HMM:0.079) |
| 14656 | kmv700738944.h1.f6 | myb_dna-binding(HMM:0.089) |
| 14657 | rlr700896232.h1.f2 | myb_dna-binding(HMM:0.12) |
| 14658 | 284071_1.R1040.f2 | myb_dna-binding(HMM:0.13) |
| 14659 | smc700750369.h1.f1 | myb_dna-binding(HMM:0.13) |
| 14660 | zhf700952682.h1.f1 | myb_dna-binding(HMM:0.19) |
| 14661 | zpz700831735.h1.f2 | myb_dna-binding(HMM:0.6) |
| 14662 | vwf700678561.h1.f1 | myb_dna-binding(HMM:0.71) |
| 14663 | bth700846742.h1.f2 | myb_dna-binding(HMM:0.87) |
| 14664 | 4876_3.R1040.f2 | myb_dna-binding(HMM:0.97) |
| 14665 | 96749_1.R1040.f1 | myb_dna-binding(HMM:1.1) |
| 14666 | LIB3139-094-P1-N1-H9.f2 | myb_dna-binding(HMM:1.1e-07) |
| 14667 | 21478_2.R1040.f2 | myb_dna-binding(HMM:1.1e-33) |
| 14668 | 180_1.R1040.f3 | myb_dna-binding(HMM:1.1e-40) |
| 14669 | 1580_1.R1040.f3 | myb_dna-binding(HMM:1.1e-43) |
| 14670 | 154770_1.R1040.f2 | myb_dna-binding(HMM:1.2e-14) |
| 14671 | 20051_3.R1040.f1 | myb_dna-binding(HMM:1.2e-17) |
| 14672 | 21478_3.R1040.f2 | myb_dna-binding(HMM:1.2e-26) |
| 14673 | 357107_1.R1040.f3 | myb_dna-binding(HMM:1.2e-37) |
| 14674 | 70949_1.R1040.f2 | myb_dna-binding(HMM:1.2e-59) |
| 14675 | uC-gmflminsoy044a10b1.f2 | myb_dna-binding(HMM:1.3e-09) |
| 14676 | seb700653418.h1.f1 | myb_dna-binding(HMM:1.3e-12) |
| 14677 | kll701213550.h1.f3 | myb_dna-binding(HMM:1.3e-20) |
| 14678 | 84019_1.R1040.f3 | myb_dna-binding(HMM:1.4e-16) |
| 14679 | 176584_1.R1040.f1 | myb_dna-binding(HMM:1.4e-20) |
| 14680 | 34995_1.R1040.f1 | myb_dna-binding(HMM:1.4e-39) |
| 14681 | uC-gmropic018d09b1.f2 | myb_dna-binding(HMM:1.5) |
| 14682 | 21460_1.R1040.f1 | myb_dna-binding(HMM:1.5e-10) |
| 14683 | uC-gmflminsoy117h06b1.f3 | myb_dna-binding(HMM:1.5e-16) |
| 14684 | kll701214851.h1.f2 | myb_dna-binding(HMM:1.5e-17) |
| 14685 | zsg701122944.h1.f3 | myb_dna-binding(HMM:1.5e-19) |
| 14686 | gsv701052317.h1.f1 | myb_dna-binding(HMM:1.5e-21) |

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| 14687 | 777_1.R1040.f3 | myb_dna-binding(HMM:1.5e-27) |
| 14688 | 2141_1.R1040.f1 | myb_dna-binding(HMM:1.5e-43) |
| 14689 | 48087_1.R1040.f1 | myb_dna-binding(HMM:1.6e-07) |
| 14690 | uC-gmropic013e04b1.f2 | myb_dna-binding(HMM:1.6e-12) |
| 14691 | 180_2.R1040.f2 | myb_dna-binding(HMM:1.7) |
| 14692 | 31738_1.R1040.f1 | myb_dna-binding(HMM:1.7e-05) |
| 14693 | awf700838727.h1.f3 | myb_dna-binding(HMM:1.7e-07) |
| 14694 | g5606179.f2 | myb_dna-binding(HMM:1.9) |
| 14695 | 71223_1.R1040.f2 | myb_dna-binding(HMM:1.9e-05) |
| 14696 | sat701005343.h1.f3 | myb_dna-binding(HMM:1.9e-06) |
| 14697 | 9862_1.R1040.f3 | myb_dna-binding(HMM:1.9e-25) |
| 14698 | LIB3170-049-Q1-K2-B6.f1 | myb_dna-binding(HMM:1e-06) |
| 14699 | 19360_1.R1040.f3 | myb_dna-binding(HMM:1e-40) |
| 14700 | 24366_2.R1040.f2 | myb_dna-binding(HMM:1e-41) |
| 14701 | jC-gmro02910002f03a1.f2 | myb_dna-binding(HMM:1e-41) |
| 14702 | 16930_2.R1040.f1 | myb_dna-binding(HMM:2.1e-12) |
| 14703 | 260476_1.R1040.f2 | myb_dna-binding(HMM:2.1e-19) |
| 14704 | 19607_1.R1040.f3 | myb_dna-binding(HMM:2.1e-38) |
| 14705 | 144489_1.R1040.f2 | myb_dna-binding(HMM:2.2e-10) |
| 14706 | rlr700896705.h1.f1 | myb_dna-binding(HMM:2.2e-20) |
| 14707 | 245623_1.R1040.f2 | myb_dna-binding(HMM:2.2e-23) |
| 14708 | 47105_2.R1040.f3 | myb_dna-binding(HMM:2.2e-35) |
| 14709 | 245483_1.R1040.f1 | myb_dna-binding(HMM:2.3e-20) |
| 14710 | 62966_2.R1040.f2 | myb_dna-binding(HMM:2.3e-26) |
| 14711 | 149248_1.R1040.f3 | myb_dna-binding(HMM:2.3e-46) |
| 14712 | 75514_1.R1040.f2 | myb_dna-binding(HMM:2.4e-06) |
| 14713 | eep700867030.h1.f3 | myb_dna-binding(HMM:2.4e-07) |
| 14714 | 248951_1.R1040.f1 | myb_dna-binding(HMM:2.4e-12) |
| 14715 | jC-gmro02910020f04a1.f1 | myb_dna-binding(HMM:2.5e-06) |
| 14716 | 172305_1.R1040.f3 | myb_dna-binding(HMM:2.5e-07) |
| 14717 | 3364_2.R1040.f3 | myb_dna-binding(HMM:2.5e-09) |
| 14718 | 188397_1.R1040.f1 | myb_dna-binding(HMM:2.5e-20) |
| 14719 | 112119_1.R1040.f2 | myb_dna-binding(HMM:2.6e-06) |
| 14720 | 171008_1.R1040.f1 | myb_dna-binding(HMM:2.6e-12) |
| 14721 | 96749_2.R1040.f3 | myb_dna-binding(HMM:2.6e-12) |
| 14722 | uC-gmrominsoy229c02b1.f2 | myb_dna-binding(HMM:2.6e-16) |
| 14723 | sat701007423.h2.f1 | myb_dna-binding(HMM:2.7e-06) |
| 14724 | zsg701123350.h1.f1 | myb_dna-binding(HMM:2.8e-05) |
| 14725 | 194126_1.R1040.f1 | myb_dna-binding(HMM:2.8e-18) |
| 14726 | pmv700890204.h1.f2 | myb_dna-binding(HMM:2e-08) |
| 14727 | 3217_1.R1040.f1 | myb_dna-binding(HMM:2e-11) |
| 14728 | LIB3051-078-Q1-K1-E6.f2 | myb_dna-binding(HMM:2e-19) |
| 14729 | 3864_1.R1040.f3 | myb_dna-binding(HMM:2e-36) |
| 14730 | uC-gmronoir056c06b1.f3 | myb_dna-binding(HMM:3.1e-05) |
| 14731 | 20030_1.R1040.f2 | myb_dna-binding(HMM:3.1e-44) |
| 14732 | 775_1.R1040.f2 | myb_dna-binding(HMM:3.2e-45) |
| 14733 | 180_3.R1040.f3 | myb_dna-binding(HMM:3.4e-20) |
| 14734 | 24366_1.R1040.f2 | myb_dna-binding(HMM:3.4e-42) |
| 14735 | jC-gmro02910009c07a1.f2 | myb_dna-binding(HMM:3.5e-29) |
| 14736 | 780_1.R1040.f1 | myb_dna-binding(HMM:3.5e-42) |
| 14737 | fua701040606.h1.f3 | myb_dna-binding(HMM:3.6e-05) |
| 14738 | LIB3039-030-Q1-E1-F11.f2 | myb_dna-binding(HMM:3.6e-20) |
| 14739 | 779_1.R1040.f2 | myb_dna-binding(HMM:3.6e-30) |
| 14740 | LIB3139-072-P1-N1-D11.f2 | myb_dna-binding(HMM:3.6e-37) |

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| 20051_2.R1040.f2 | myb_dna-binding(HMM:3.7e-18) |
| jex700907805.h1.f2 | myb_dna-binding(HMM:3.7e-19) |
| 247674_1.R1040.f2 | myb_dna-binding(HMM:3.7e-37) |
| 5100_1.R1040.f1 | myb_dna-binding(HMM:3.8) |
| zsg701129720.h1.f4 | myb_dna-binding(HMM:3.8e-07) |
| 257832_1.R1040.f1 | myb_dna-binding(HMM:3.8e-41) |
| 7213_2.R1040.f3 | myb_dna-binding(HMM:3.8e-41) |
| 250760_1.R1040.f2 | myb_dna-binding(HMM:3.9e-21) |
| LIB3139-114-P1-N1-H8.f2 | myb_dna-binding(HMM:3.9e-35) |
| 2210_1.R1040.f1 | myb_dna-binding(HMM:3e-11) |
| pmv700888167.h1.f2 | myb_dna-binding(HMM:4.1e-17) |
| 107498_1.R1040.f2 | myb_dna-binding(HMM:4.1e-19) |
| 34995_3.R1040.f2 | myb_dna-binding(HMM:4.2e-16) |
| LIB3109-021-Q1-K1-D10.f3 | myb_dna-binding(HMM:4.3) |
| uC-gmrominsoy098d02b1.f1 | myb_dna-binding(HMM:4.3e-20) |
| 42909_1.R1040.f3 | myb_dna-binding(HMM:4.3e-26) |
| LIB3139-094-P1-N1-C12.f3 | myb_dna-binding(HMM:4.5e-06) |
| 28901_1.R1040.f1 | myb_dna-binding(HMM:4.5e-18) |
| jsh701066326.h1.f2 | myb_dna-binding(HMM:4.6e-14) |
| 118297_1.R1040.f1 | myb_dna-binding(HMM:4.8e-10) |
| 7213_1.R1040.f3 | myb_dna-binding(HMM:4.8e-20) |
| 1591_2.R1040.f2 | myb_dna-binding(HMM:4.8e-40) |
| 82562_1.R1040.f1 | myb_dna-binding(HMM:4.8e-40) |
| 176512_1.R1040.f1 | myb_dna-binding(HMM:4.9e-06) |
| 266605_1.R1040.f3 | myb_dna-binding(HMM:4.9e-07) |
| 59030_1.R1040.f3 | myb_dna-binding(HMM:4.9e-10) |
| vwf700679623.h1.f3 | myb_dna-binding(HMM:4.9e-11) |
| zhf700957658.h1.f3 | myb_dna-binding(HMM:4.9e-14) |
| asn701138849.h1.f1 | myb_dna-binding(HMM:4e-14) |
| 139809_1.R1040.f3 | myb_dna-binding(HMM:4e-21) |
| 62966_1.R1040.f3 | myb_dna-binding(HMM:4e-41) |
| 257894_1.R1040.f2 | myb_dna-binding(HMM:4e-43) |
| epx701106671.h1.f2 | myb_dna-binding(HMM:5.1e-05) |
| LIB3028-034-Q1-B1-B10.f3 | myb_dna-binding(HMM:5.2e-07) |
| 57011_1.R1040.f2 | myb_dna-binding(HMM:5.3e-35) |
| 1591_1.R1040.f2 | myb_dna-binding(HMM:5.4e-43) |
| leu701150368.h1.f3 | myb_dna-binding(HMM:5.5e-23) |
| uC-gmrominsoy223d02b1.f2 | myb_dna-binding(HMM:5.6) |
| zzp700835878.h1.f1 | myb_dna-binding(HMM:5.8e-05) |
| 121488_1.R1040.f2 | myb_dna-binding(HMM:5.8e-09) |
| 203_1.R1040.f5 | myb_dna-binding(HMM:5.8e-19) |
| crh700850631.h1.f1 | myb_dna-binding(HMM:5.9e-11) |
| LIB3107-012-Q1-K1-H10.f1 | myb_dna-binding(HMM:5e-10) |
| LIB3092-054-Q1-K1-A2.f3 | myb_dna-binding(HMM:6.1e-14) |
| uC-gmrominsoy115e11b1.f2 | myb_dna-binding(HMM:6.1e-20) |
| 3364_1.R1040.f3 | myb_dna-binding(HMM:6.2e-10) |
| 9862_2.R1040.f1 | myb_dna-binding(HMM:6.2e-12) |
| LIB3106-090-Q1-K1-F5.f3 | myb_dna-binding(HMM:6.7e-11) |
| 4876_1.R1040.f1 | myb_dna-binding(HMM:6.8e-10) |
| 302312_1.R1040.f2 | myb_dna-binding(HMM:6.9e-12) |
| 71891_1.R1040.f1 | myb_dna-binding(HMM:7.2e-11) |
| 1908_3.R1040.f2 | myb_dna-binding(HMM:7.2e-42) |
| 80576_1.R1040.f3 | myb_dna-binding(HMM:7.4e-37) |
| 1580_2.R1040.f1 | myb_dna-binding(HMM:7.5e-10) |

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| 14795 | LIB3028-027-Q1-B2-G6.f1 | myb_dna-binding(HMM:7.5e-12) |
| 14796 | 21476_1.R1040.f2 | myb_dna-binding(HMM:7.6e-11) |
| 14797 | rca700999647.h1.f3 | myb_dna-binding(HMM:7.6e-12) |
| 14798 | 4275_1.R1040.f3 | myb_dna-binding(HMM:7.6e-46) |
| 14799 | 171890_1.R1040.f3 | myb_dna-binding(HMM:7.7e-19) |
| 14800 | 80067_1.R1040.f1 | myb_dna-binding(HMM:7.8e-37) |
| 14801 | jsh701068223.h1.f3 | myb_dna-binding(HMM:8.3e-18) |
| 14802 | 16930_1.R1040.f2 | myb_dna-binding(HMM:8.6e-05) |
| 14803 | 65835_1.R1040.f2 | myb_dna-binding(HMM:8.8e-12) |
| 14804 | jex700906279.h1.f2 | myb_dna-binding(HMM:8.8e-17) |
| 14805 | 20051_1.R1040.f3 | myb_dna-binding(HMM:8.8e-18) |
| 14806 | 47105_3.R1040.f1 | myb_dna-binding(HMM:8.8e-35) |
| 14807 | 776_1.R1040.f2 | myb_dna-binding(HMM:8e-40) |
| 14808 | 64155_1.R1040.f3 | myb_dna-binding(HMM:9.3) |
| 14809 | jC-gmst02400009c05a1.f1 | myb_dna-binding(HMM:9.4e-10) |
| 14810 | 1908_1.R1040.f2 | myb_dna-binding(HMM:9.4e-43) |
| 14811 | 70302_1.R1040.f3 | myb_dna-binding(HMM:9.5e-11) |
| 14812 | 6778_1.R1040.f2 | myb_dna-binding(HMM:9.6e-22) |
| 14813 | 243023_1.R1040.f1 | myb_dna-binding(HMM:9.9e-20) |
| 14814 | 222514_1.R1040.f2 | myb_dna-binding(HMM:9e-42) |
| 14815 | 278162_1.R1040.f2 | nam(HMM:0.00026) |
| 14816 | LIB3092-021-Q1-K1-B7.f1 | nam(HMM:0.00061) |
| 14817 | txt700736976.h1.f1 | nam(HMM:0.0007) |
| 14818 | 22509_1.R1040.f2 | nam(HMM:0.0011) |
| 14819 | 15673_1.R1040.f1 | nam(HMM:0.002) |
| 14820 | jC-gmfl02220127e09a1.f1 | nam(HMM:0.0026) |
| 14821 | 950_3.R1040.f3 | nam(HMM:0.0035) |
| 14822 | LIB3051-085-Q1-K1-E5.f3 | nam(HMM:0.0047) |
| 14823 | fde700874479.h1.f2 | nam(HMM:0.005) |
| 14824 | 107040_1.R1040.f2 | nam(HMM:0.016) |
| 14825 | 50066_1.R1040.f3 | nam(HMM:0.017) |
| 14826 | 83251_3.R1040.f3 | nam(HMM:0.017) |
| 14827 | LIB3138-042-Q1-N1-C2.f3 | nam(HMM:0.023) |
| 14828 | fua701041472.h1.f3 | nam(HMM:0.024) |
| 14829 | jex700907943.h1.f2 | nam(HMM:0.058) |
| 14830 | LIB3170-055-Q1-K1-C1.f3 | nam(HMM:0.08) |
| 14831 | pmv700890165.h1.f1 | nam(HMM:0.19) |
| 14832 | zsg701130443.h1.f3 | nam(HMM:0.25) |
| 14833 | 62967_2.R1040.f3 | nam(HMM:1.1e-09) |
| 14834 | 49984_1.R1040.f1 | nam(HMM:1.1e-39) |
| 14835 | 34859_1.R1040.f2 | nam(HMM:1.1e-41) |
| 14836 | 16783_6.R1040.f2 | nam(HMM:1.1e-81) |
| 14837 | 214388_1.R1040.f2 | nam(HMM:1.2e-05) |
| 14838 | zsg701123582.h1.f2 | nam(HMM:1.2e-07) |
| 14839 | 28563_1.R1040.f3 | nam(HMM:1.2e-83) |
| 14840 | 950_2.R1040.f1 | nam(HMM:1.2e-84) |
| 14841 | 20975_1.R1040.f1 | nam(HMM:1.3e-82) |
| 14842 | xpa700792796.h1.f1 | nam(HMM:1.4e-10) |
| 14843 | 16783_2.R1040.f1 | nam(HMM:1.4e-33) |
| 14844 | 191901_1.R1040.f2 | nam(HMM:1.5e-09) |
| 14845 | 7262_1.R1040.f1 | nam(HMM:1.5e-71) |
| 14846 | 209717_1.R1040.f3 | nam(HMM:1.6e-59) |
| 14847 | 950_6.R1040.f1 | nam(HMM:1.7e-08) |
| 14848 | jex700903290.h1.f1 | nam(HMM:1.7e-08) |

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| 14849 | sat701003436.h1.f3 | nam(HMM:1.7e-09) |
| 14850 | LIB3092-046-Q1-K1-D7.f3 | nam(HMM:1.7e-10) |
| 14851 | 4749_3.R1040.f3 | nam(HMM:1.8e-73) |
| 14852 | 4937_2.R1040.f3 | nam(HMM:1e-36) |
| 14853 | 64148_1.R1040.f1 | nam(HMM:1e-43) |
| 14854 | 183014_1.R1040.f1 | nam(HMM:1e-66) |
| 14855 | 100436_1.R1040.f3 | nam(HMM:2.1e-07) |
| 14856 | 31540_1.R1040.f3 | nam(HMM:2.1e-76) |
| 14857 | 83251_6.R1040.f2 | nam(HMM:2.3e-06) |
| 14858 | LIB3028-036-Q1-B1-H1.f3 | nam(HMM:2.3e-41) |
| 14859 | jex700908442.h1.f2 | nam(HMM:2.4e-10) |
| 14860 | 23655_1.R1040.f3 | nam(HMM:2.4e-88) |
| 14861 | zhf700954809.h1.f3 | nam(HMM:2.5e-18) |
| 14862 | 29855_1.R1040.f3 | nam(HMM:2.5e-75) |
| 14863 | 26446_1.R1040.f1 | nam(HMM:2.5e-76) |
| 14864 | ssr700555303.h1.f2 | nam(HMM:2.6e-08) |
| 14865 | 75484_1.R1040.f2 | nam(HMM:2.8e-17) |
| 14866 | zlv700807675.h1.f1 | nam(HMM:2.8e-22) |
| 14867 | 174243_1.R1040.f3 | nam(HMM:2.9e-05) |
| 14868 | 950_1.R1040.f2 | nam(HMM:2.9e-84) |
| 14869 | LIB3170-071-Q1-J1-E9.f1 | nam(HMM:2e-06) |
| 14870 | 7262_2.R1040.f2 | nam(HMM:3.1e-06) |
| 14871 | 33057_1.R1040.f2 | nam(HMM:3.1e-20) |
| 14872 | LIB3092-007-Q1-K1-G3.f3 | nam(HMM:3.3e-06) |
| 14873 | 79728_1.R1040.f3 | nam(HMM:3.4e-89) |
| 14874 | 100436_2.R1040.f3 | nam(HMM:3.5e-05) |
| 14875 | LIB3139-025-P1-N1-C11.f3 | nam(HMM:3.6e-20) |
| 14876 | 117417_1.R1040.f2 | nam(HMM:3.7e-12) |
| 14877 | 950_5.R1040.f2 | nam(HMM:3.7e-82) |
| 14878 | jC-gmfl02220086d01a1.f3 | nam(HMM:3.8e-14) |
| 14879 | LIB3051-016-Q1-E1-F9.f2 | nam(HMM:3.8e-33) |
| 14880 | 72499_1.R1040.f2 | nam(HMM:3.9e-05) |
| 14881 | 2459_1.R1040.f3 | nam(HMM:3e-53) |
| 14882 | LIB3093-046-Q1-K1-A1.f2 | nam(HMM:4.1e-07) |
| 14883 | 5121_1.R1040.f1 | nam(HMM:4.1e-08) |
| 14884 | 4937_1.R1040.f2 | nam(HMM:4.1e-80) |
| 14885 | LIB3093-017-Q1-K2-C2.f3 | nam(HMM:4.2e-09) |
| 14886 | fua701042317.h1.f3 | nam(HMM:4.4e-12) |
| 14887 | uC-gmrominsoy261a05b1.f3 | nam(HMM:4.5e-50) |
| 14888 | zhf700963825.h1.f3 | nam(HMM:4.6e-20) |
| 14889 | uC-gmflminsoy001f04b1.f1 | nam(HMM:4.6e-21) |
| 14890 | 221624_1.R1040.f3 | nam(HMM:5.2e-08) |
| 14891 | crh700850986.h1.f3 | nam(HMM:5.4e-08) |
| 14892 | 5442_1.R1040.f2 | nam(HMM:5.5e-09) |
| 14893 | LIB3056-003-Q1-N1-G7.f3 | nam(HMM:5.5e-43) |
| 14894 | LIB3167-002-Q1-K1-D9.f2 | nam(HMM:5.6e-25) |
| 14895 | 4749_1.R1040.f2 | nam(HMM:5.6e-84) |
| 14896 | rlr700896888.h1.f1 | nam(HMM:5.7e-05) |
| 14897 | 105492_1.R1040.f2 | nam(HMM:5.7e-36) |
| 14898 | 27026_1.R1040.f1 | nam(HMM:5.8e-40) |
| 14899 | LIB3139-065-P1-N1-E3.f2 | nam(HMM:5.9e-22) |
| 14900 | trc700567730.h1.f1 | nam(HMM:5e-05) |
| 14901 | 242869_1.R1040.f1 | nam(HMM:6) |
| 14902 | LIB3106-060-Q1-K1-E1.f2 | nam(HMM:6.2e-10) |

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| 14903 | uC-gmrominsoy049d08b1.f2 | nam(HMM:6.3e-28) |
| 14904 | 153402_1.R1040.f2 | nam(HMM:6.8e-09) |
| 14905 | LIB3170-078-Q1-K1-F10.f2 | nam(HMM:6.9) |
| 14906 | LIB3092-045-Q1-K1-A10.f1 | nam(HMM:7.2e-06) |
| 14907 | 4301_1.R1040.f2 | nam(HMM:7.4e-88) |
| 14908 | 950_9.R1040.f3 | nam(HMM:7.9e-35) |
| 14909 | 5121_2.R1040.f2 | nam(HMM:8.5e-78) |
| 14910 | 21252_1.R1040.f2 | nam(HMM:8.5e-84) |
| 14911 | LIB3139-106-P1-N1-C7.f1 | nam(HMM:9.1e-10) |
| 14912 | uC-gmflminsoy052a04b1.f1 | nam(HMM:9.1e-10) |
| 14913 | 29741_1.R1040.f6 | nam(HMM:9.3e-86) |
| 14914 | 1957_4.R1040.f3 | nam(HMM:9.6e-24) |
| 14915 | 135443_1.R1040.f3 | nap_family(HMM:0.00026) |
| 14916 | 285699_1.R1040.f3 | nap_family(HMM:1.1e-09) |
| 14917 | 614_1.R1040.f3 | nap_family(HMM:1.2e-141) |
| 14918 | 614_2.R1040.f2 | nap_family(HMM:1.8e-135) |
| 14919 | rlr700899387.h1.f1 | nap_family(HMM:1.9e-07) |
| 14920 | 614_4.R1040.f1 | nap_family(HMM:2.4e-16) |
| 14921 | 119899_1.R1040.f2 | nap_family(HMM:2.6e-16) |
| 14922 | uC-gmrominsoy032d03b1.f3 | nap_family(HMM:4.8e-24) |
| 14923 | 6106_1.R1040.f2 | nap_family(HMM:7.1e-05) |
| 14924 | 13433_1.R1040.f2 | nap_family(HMM:7.9e-10) |
| 14925 | uC-gmflminsoy034g10b1.f2 | nap_family(HMM:9.7e-22) |
| 14926 | 27490_1.R1040.f2 | phd(HMM:0.00012) |
| 14927 | fua701042662.h1.f2 | phd(HMM:0.00019) |
| 14928 | 36243_1.R1040.f1 | phd(HMM:0.00042) |
| 14929 | uC-gmflminsoy049c10b1.f1 | phd(HMM:0.00057) |
| 14930 | 193369_1.R1040.f1 | phd(HMM:0.00092) |
| 14931 | 143342_1.R1040.f1 | phd(HMM:0.0011) |
| 14932 | 26300_1.R1040.f2 | phd(HMM:0.0012) |
| 14933 | 17364_1.R1040.f2 | phd(HMM:0.0098) |
| 14934 | 283013_1.R1040.f1 | phd(HMM:0.016) |
| 14935 | txt700735931.h1.f2 | phd(HMM:0.057) |
| 14936 | 105132_1.R1040.f2 | phd(HMM:0.063) |
| 14937 | g5342387.f3 | phd(HMM:0.066) |
| 14938 | 44068_1.R1040.f3 | phd(HMM:0.068) |
| 14939 | 10868_1.R1040.f3 | phd(HMM:0.079) |
| 14940 | 170309_1.R1040.f3 | phd(HMM:0.088) |
| 14941 | awf700840012.h1.f3 | phd(HMM:0.1) |
| 14942 | 178799_1.R1040.f1 | phd(HMM:0.11) |
| 14943 | 43239_1.R1040.f2 | phd(HMM:0.11) |
| 14944 | 177071_1.R1040.f3 | phd(HMM:0.19) |
| 14945 | 22589_1.R1040.f2 | phd(HMM:0.25) |
| 14946 | kmv700738858.h1.f1 | phd(HMM:0.32) |
| 14947 | 92884_1.R1040.f6 | phd(HMM:0.61) |
| 14948 | LIB3074-020-Q1-E1-F7.f2 | phd(HMM:1.1e-06) |
| 14949 | gsv701051914.h1.f3 | phd(HMM:1.2e-05) |
| 14950 | 25649_1.R1040.f3 | phd(HMM:1.2e-08) |
| 14951 | uC-gmrominsoy277f07b1.f2 | phd(HMM:1.2e-08) |
| 14952 | 28814_1.R1040.f1 | "phd(HMM:1.2e-08),zf-c3hc4(HMM:0.0029)" |
| 14953 | 187712_1.R1040.f1 | phd(HMM:1.3) |
| 14954 | uC-gmronoir030c05b1.f1 | phd(HMM:1.4e-05) |
| 14955 | 199515_1.R1040.f4 | phd(HMM:1.4e-07) |

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| 14956 | 22750_1.R1040.f3 | phd(HMM:1.4e-11) |
| 14957 | 4392_2.R1040.f2 | phd(HMM:1.6e-05) |
| 14958 | 36464_1.R1040.f1 | phd(HMM:1.7e-08) |
| 14959 | LIB3051-035-Q1-K1-E3.f1 | phd(HMM:1.9e-09) |
| 14960 | uxk700670734.h1.f2 | phd(HMM:2.1) |
| 14961 | 12175_1.R1040.f1 | phd(HMM:2.2e-13) |
| 14962 | uC-gmflminsoy064a08b1.f2 | phd(HMM:2.4e-05) |
| 14963 | leu701147512.h1.f2 | phd(HMM:2.5e-05) |
| 14964 | 127472_1.R1040.f3 | phd(HMM:2.6) |
| 14965 | pxt700945325.h1.f1 | phd(HMM:2.7e-09) |
| 14966 | jC-gmle01810010c06a1.f1 | phd(HMM:2e-08) |
| 14967 | 32404_1.R1040.f2 | phd(HMM:3.7e-09) |
| 14968 | 21661_1.R1040.f2 | phd(HMM:4e-10) |
| 14969 | sat701013026.h1.f2 | phd(HMM:5.5e-06) |
| 14970 | 188899_1.R1040.f3 | phd(HMM:6.3e-14) |
| 14971 | LIB3051-007-Q1-E1-H12.f3 | phd(HMM:9.2e-06) |
| 14972 | 271051_1.R1040.f3 | response_reg(HMM:0.00054) |
| 14973 | 85237_1.R1040.f1 | response_reg(HMM:0.00056) |
| 14974 | 35397_1.R1040.f3 | response_reg(HMM:0.00058) |
| 14975 | 105436_1.R1040.f3 | response_reg(HMM:0.00089) |
| 14976 | fua701039913.h1.f3 | response_reg(HMM:0.001) |
| 14977 | zzp700835470.h1.f1 | response_reg(HMM:0.0011) |
| 14978 | leu701151793.h1.f1 | response_reg(HMM:0.0021) |
| 14979 | uC-gmropic009c02b1.f2 | response_reg(HMM:0.0023) |
| 14980 | kl1701210281.h1.f3 | response_reg(HMM:0.003) |
| 14981 | fde700871314.h1.f1 | response_reg(HMM:0.0065) |
| 14982 | 75868_1.R1040.f3 | response_reg(HMM:0.018) |
| 14983 | dpv701097689.h1.f2 | response_reg(HMM:0.024) |
| 14984 | 73518_3.R1040.f1 | response_reg(HMM:0.18) |
| 14985 | jC-gmle01810063c02a1.f3 | response_reg(HMM:1.1e-15) |
| 14986 | 124583_1.R1040.f2 | response_reg(HMM:1.3e-05) |
| 14987 | LIB3139-088-P1-N1-F8.f2 | response_reg(HMM:1.3e-19) |
| 14988 | 72381_1.R1040.f1 | response_reg(HMM:1.3e-28) |
| 14989 | zsg701118832.h1.f1 | response_reg(HMM:1.4) |
| 14990 | LIB3109-012-Q1-K1-E5.f2 | response_reg(HMM:1.4e-08) |
| 14991 | uC-gmropic044a03b1.f2 | response_reg(HMM:1.7e-09) |
| 14992 | uC-gmropic061b05b1.f1 | response_reg(HMM:1.7e-09) |
| 14993 | g4395737.f2 | response_reg(HMM:1.9e-10) |
| 14994 | 5581_1.R1040.f1 | response_reg(HMM:1.9e-13) |
| 14995 | jC-gmfl02220130a12d1.f4 | response_reg(HMM:1e-06) |
| 14996 | 25884_1.R1040.f3 | response_reg(HMM:2.2e-06) |
| 14997 | 73518_4.R1040.f1 | response_reg(HMM:2.7e-11) |
| 14998 | 29380_1.R1040.f3 | response_reg(HMM:3.1e-11) |
| 14999 | asn701131711.h1.f2 | response_reg(HMM:3.4e-06) |
| 15000 | 45621_1.R1040.f2 | response_reg(HMM:4.2e-34) |
| 15001 | gsv701054924.h1.f1 | response_reg(HMM:4.4e-05) |
| 15002 | 17563_1.R1040.f3 | response_reg(HMM:4.7e-13) |
| 15003 | 233110_1.R1040.f2 | response_reg(HMM:4e-05) |
| 15004 | 73518_2.R1040.f1 | response_reg(HMM:5.8e-08) |
| 15005 | 18103_1.R1040.f3 | response_reg(HMM:6e-05) |
| 15006 | 4560_1.R1040.f2 | response_reg(HMM:7.4e-26) |
| 15007 | LIB3087-003-Q1-K1-B2.f2 | response_reg(HMM:7.5e-06) |
| 15008 | 101194_1.R1040.f3 | response_reg(HMM:7.8e-37) |
| 15009 | 73283_1.R1040.f1 | response_reg(HMM:8.4e-33) |

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| 15010 | 6815_1.R1040.f2 | response_reg(HMM:8.5e-15) |
| 15011 | 48962_1.R1040.f2 | response_reg(HMM:8.5e-16) |
| 15012 | wrg700792139.h1.f3 | response_reg(HMM:9.1e-07) |
| 15013 | LIB3138-130-Q1-N1-B4.f1 | response_reg(HMM:9.4e-05) |
| 15014 | 241475_2.R1040.f1 | sbpb(HMM:0.00018) |
| 15015 | LIB3093-052-Q1-K1-H5.f2 | sbpb(HMM:0.00097) |
| 15016 | zzp700834064.h1.f2 | sbpb(HMM:0.0011) |
| 15017 | 96796_1.R1040.f2 | sbpb(HMM:0.81) |
| 15018 | 944_1.R1040.f1 | sbpb(HMM:1.2e-41) |
| 15019 | txt700734849.h1.f1 | sbpb(HMM:1.3e-38) |
| 15020 | 271757_1.R1040.f1 | sbpb(HMM:2.6e-19) |
| 15021 | 25838_1.R1040.f3 | sbpb(HMM:2.7e-42) |
| 15022 | zhf700959795.h1.f3 | sbpb(HMM:3.1e-36) |
| 15023 | 241475_1.R1040.f3 | sbpb(HMM:3.8e-19) |
| 15024 | LIB3039-011-Q1-E1-G1.f1 | sbpb(HMM:4.1) |
| 15025 | 4787_1.R1040.f2 | sbpb(HMM:4.5e-43) |
| 15026 | LIB3138-105-Q1-N1-F7.f2 | sbpb(HMM:5.7e-06) |
| 15027 | 244791_1.R1040.f2 | scr(HMM:0.00034) |
| 15028 | 17966_1.R1040.f3 | scr(HMM:0.00069) |
| 15029 | 101957_1.R1040.f2 | scr(HMM:0.0023) |
| 15030 | 142103_1.R1040.f1 | scr(HMM:0.0034) |
| 15031 | 48649_2.R1040.f1 | scr(HMM:0.006) |
| 15032 | fC-gmfl700903946h1.f3 | scr(HMM:0.007) |
| 15033 | LIB3106-102-Q1-K1-C2.f1 | scr(HMM:0.0085) |
| 15034 | 41704_1.R1040.f3 | scr(HMM:0.015) |
| 15035 | jC-gmfl02220090c02d1.f3 | scr(HMM:0.56) |
| 15036 | 3547_1.R1040.f3 | scr(HMM:1.1e-151) |
| 15037 | ncj700975650.h1.f3 | scr(HMM:1.1e-31) |
| 15038 | 121932_1.R1040.f3 | scr(HMM:1.3e-06) |
| 15039 | 43691_1.R1040.f1 | scr(HMM:1.3e-09) |
| 15040 | 80336_1.R1040.f1 | scr(HMM:1.3e-22) |
| 15041 | 285340_1.R1040.f2 | scr(HMM:1.4e-05) |
| 15042 | 8204_1.R1040.f2 | scr(HMM:1.4e-08) |
| 15043 | wrg700789403.h2.f1 | scr(HMM:1.4e-22) |
| 15044 | LIB3028-021-Q1-B1-B5.f2 | scr(HMM:1.6e-10) |
| 15045 | 19625_4.R1040.f1 | scr(HMM:1.8e-09) |
| 15046 | 81164_1.R1040.f1 | scr(HMM:1.9e-106) |
| 15047 | 1377_1.R1040.f3 | scr(HMM:1.9e-49) |
| 15048 | 19582_1.R1040.f2 | scr(HMM:1e-14) |
| 15049 | rlr700900211.h1.f2 | scr(HMM:2.1e-12) |
| 15050 | 7491_1.R1040.f2 | scr(HMM:2.1e-13) |
| 15051 | 108854_1.R1040.f2 | scr(HMM:2.3e-11) |
| 15052 | 19625_2.R1040.f3 | scr(HMM:2.3e-11) |
| 15053 | wrg700789643.h2.f2 | scr(HMM:2.4e-06) |
| 15054 | jex700908128.h1.f2 | scr(HMM:2.4e-08) |
| 15055 | 19737_1.R1040.f2 | scr(HMM:2.4e-13) |
| 15056 | 102573_1.R1040.f2 | scr(HMM:2.4e-47) |
| 15057 | 33972_1.R1040.f3 | scr(HMM:2.5e-74) |
| 15058 | jex700904893.h1.f3 | scr(HMM:2.6e-10) |
| 15059 | 48649_1.R1040.f1 | scr(HMM:2.6e-164) |
| 15060 | 103055_1.R1040.f1 | scr(HMM:2.8e-06) |
| 15061 | kl1701204934.h1.f1 | scr(HMM:2e-09) |
| 15062 | vwf700676535.h1.f2 | scr(HMM:3.1e-15) |
| 15063 | 102345_1.R1040.f1 | scr(HMM:3.2e-13) |

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| 15064 | sat701009339.h1.f2 | scr(HMM:3.4e-25) |
| 15065 | 76507_1.R1040.f2 | scr(HMM:3.7e-24) |
| 15066 | 27377_1.R1040.f2 | scr(HMM:3.8) |
| 15067 | LIB3138-015-Q1-N1-D12.f2 | scr(HMM:3.8e-26) |
| 15068 | g4292932.f3 | scr(HMM:3.9) |
| 15069 | 19905_1.R1040.f2 | scr(HMM:3.9e-08) |
| 15070 | 12831_1.R1040.f3 | scr(HMM:4.1e-121) |
| 15071 | 76513_1.R1040.f2 | scr(HMM:4.1e-60) |
| 15072 | hrw701060534.h1.f3 | scr(HMM:4.2e-37) |
| 15073 | 78501_1.R1040.f1 | scr(HMM:4.6e-08) |
| 15074 | awf700837816.h1.f3 | scr(HMM:4.9e-20) |
| 15075 | fua701043180.h1.f1 | scr(HMM:4.9e-29) |
| 15076 | eep700867665.h1.f2 | scr(HMM:4e-05) |
| 15077 | uC-gmrominsoy171c07b1.f1 | scr(HMM:6.7e-06) |
| 15078 | dpu701099003.h1.f3 | scr(HMM:6.7e-27) |
| 15079 | 25740_1.R1040.f1 | scr(HMM:6.8e-08) |
| 15080 | 58336_1.R1040.f1 | scr(HMM:6.8e-20) |
| 15081 | 310076_1.R1040.f1 | scr(HMM:7.1e-08) |
| 15082 | LIB3051-047-Q1-K1-H7.f1 | scr(HMM:7.1e-15) |
| 15083 | 27171_1.R1040.f2 | scr(HMM:7.8e-127) |
| 15084 | zxp700831503.h1.f4 | scr(HMM:7.9e-08) |
| 15085 | 344207_1.R1040.f1 | scr(HMM:8.1e-06) |
| 15086 | 47105_4.R1040.f1 | scr(HMM:8.1e-15) |
| 15087 | zxp700830681.h1.f3 | scr(HMM:8.4e-05) |
| 15088 | 49946_1.R1040.f3 | scr(HMM:8.8e-15) |
| 15089 | xpa700795232.h1.f3 | scr(HMM:9.3e-14) |
| 15090 | 12169_1.R1040.f2 | set(HMM:0.00026) |
| 15091 | pxt700942511.h1.f2 | set(HMM:0.0013) |
| 15092 | 285750_1.R1040.f2 | set(HMM:0.002) |
| 15093 | wrg700790260.h2.f1 | set(HMM:0.44) |
| 15094 | LIB3051-019-Q1-E1-F3.f2 | set(HMM:1.2e-08) |
| 15095 | 141239_1.R1040.f1 | set(HMM:1.3) |
| 15096 | 75558_1.R1040.f1 | set(HMM:1.5e-43) |
| 15097 | uC-gmrominsoy039d12b1.f1 | set(HMM:1.6e-05) |
| 15098 | 70310_1.R1040.f2 | set(HMM:2.3e-05) |
| 15099 | g5753642.f3 | set(HMM:2.7e-21) |
| 15100 | 341694_1.R1040.f3 | set(HMM:2e-12) |
| 15101 | 23495_1.R1040.f3 | set(HMM:5.5e-05) |
| 15102 | 54288_1.R1040.f3 | set(HMM:6.7e-05) |
| 15103 | LIB3049-034-Q1-E1-G9.f1 | set(HMM:7.3) |
| 15104 | LIB3106-079-P1-K1-D1.f3 | set(HMM:7.5e-10) |
| 15105 | pxt700944139.h1.f1 | set(HMM:7.8e-12) |
| 15106 | 74446_1.R1040.f1 | set(HMM:7.9e-43) |
| 15107 | zxp700835731.h1.f2 | set(HMM:8.3e-09) |
| 15108 | 75008_1.R1040.f3 | set(HMM:8.4) |
| 15109 | zhf700961475.h1.f2 | snf2_n(HMM:0.00023) |
| 15110 | leu701148244.h1.f1 | snf2_n(HMM:0.00028) |
| 15111 | wrg700787754.h2.f2 | snf2_n(HMM:0.0071) |
| 15112 | uC-gmropic021h02b1.f3 | snf2_n(HMM:0.037) |
| 15113 | 56644_1.R1040.f1 | snf2_n(HMM:0.041) |
| 15114 | LIB3170-081-Q1-J1-C11.f6 | snf2_n(HMM:0.042) |
| 15115 | 142237_1.R1040.f2 | snf2_n(HMM:0.86) |
| 15116 | 174356_1.R1040.f2 | snf2_n(HMM:1.1e-08) |
| 15117 | zhf700953331.h1.f2 | snf2_n(HMM:1.1e-29) |

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| 15118 | 34522_1.R1040.f3 | snf2_n(HMM:1.2e-08) |
| 15119 | ssr700560171.h1.f3 | snf2_n(HMM:1.2e-11) |
| 15120 | zhf700962560.h1.f1 | snf2_n(HMM:1.3e-05) |
| 15121 | uC-gmrominsoyl42a11b1.f2 | snf2_n(HMM:1.4e-06) |
| 15122 | 12919_1.R1040.f4 | snf2_n(HMM:1.5e-80) |
| 15123 | hyd700727294.h1.f1 | snf2_n(HMM:1.6e-06) |
| 15124 | uC-gmropic080c08b1.f2 | snf2_n(HMM:1.6e-22) |
| 15125 | 102051_1.R1040.f3 | snf2_n(HMM:2.4e-05) |
| 15126 | 150830_1.R1040.f1 | "snf2_n(HMM:2.5e-05),zf-c3hc4(HMM:7.3e-06)" |
| 15127 | wvk700686576.h1.f2 | snf2_n(HMM:2.5e-09) |
| 15128 | kli701210128.h1.f2 | snf2_n(HMM:2.5e-12) |
| 15129 | uxk700672450.h1.f1 | snf2_n(HMM:3.1) |
| 15130 | sat701010777.h1.f2 | snf2_n(HMM:4.4e-09) |
| 15131 | 356297_1.R1040.f2 | snf2_n(HMM:4.5e-12) |
| 15132 | uC-gmropic071b06b1.f1 | snf2_n(HMM:6.2e-10) |
| 15133 | 214744_1.R1040.f1 | snf2_n(HMM:6.5e-12) |
| 15134 | ssr700558535.h1.f1 | snf2_n(HMM:7.1e-06) |
| 15135 | jC-gmfl02220067h09a1.f3 | snf2_n(HMM:7.3e-05) |
| 15136 | dpy701101675.h1.f2 | snf2_n(HMM:7.3e-13) |
| 15137 | 148395_1.R1040.f3 | srf-tf(HMM:0.0059) |
| 15138 | 43586_3.R1040.f3 | srf-tf(HMM:0.12) |
| 15139 | 3094_6.R1040.f4 | srf-tf(HMM:1.1e-06) |
| 15140 | 142733_2.R1040.f2 | srf-tf(HMM:1.3e-15) |
| 15141 | 186835_1.R1040.f2 | srf-tf(HMM:1.3e-15) |
| 15142 | 376035_1.R1040.f3 | srf-tf(HMM:1.3e-35) |
| 15143 | 1575_3.R1040.f2 | srf-tf(HMM:1.3e-36) |
| 15144 | zhf700958586.h1.f3 | srf-tf(HMM:1.3e-37) |
| 15145 | LIB3109-002-Q1-K1-F11.f3 | srf-tf(HMM:1.4e-24) |
| 15146 | jC-gmro02910037d08a1.f1 | srf-tf(HMM:1.5e-10) |
| 15147 | pmv700889004.h1.f3 | srf-tf(HMM:1.5e-10) |
| 15148 | 15223_2.R1040.f3 | srf-tf(HMM:1.7e-16) |
| 15149 | 148098_1.R1040.f3 | srf-tf(HMM:1.7e-35) |
| 15150 | kli701212768.h1.f1 | srf-tf(HMM:1.8e-14) |
| 15151 | 21472_1.R1040.f3 | srf-tf(HMM:2.1e-31) |
| 15152 | LIB3027-008-Q1-B1-E1.f1 | srf-tf(HMM:2.1e-37) |
| 15153 | 25698_1.R1040.f2 | srf-tf(HMM:2.3e-22) |
| 15154 | LIB3065-005-Q1-N1-B11.f2 | srf-tf(HMM:2.4) |
| 15155 | 3077_1.R1040.f3 | srf-tf(HMM:2.4e-37) |
| 15156 | 4672_1.R1040.f3 | srf-tf(HMM:2.6e-35) |
| 15157 | vzy700754169.h1.f1 | srf-tf(HMM:3.1e-19) |
| 15158 | ncj700979179.h1.f1 | srf-tf(HMM:3.2e-16) |
| 15159 | 216137_1.R1040.f2 | srf-tf(HMM:3.4e-06) |
| 15160 | 82602_1.R1040.f1 | srf-tf(HMM:3.9e-31) |
| 15161 | 43586_4.R1040.f2 | srf-tf(HMM:3e-23) |
| 15162 | g4293793.f3 | srf-tf(HMM:3e-35) |
| 15163 | LIB3107-078-Q1-K1-H7.f3 | srf-tf(HMM:4.1e-30) |
| 15164 | 1576_2.R1040.f1 | srf-tf(HMM:4.3e-37) |
| 15165 | 3077_2.R1040.f1 | srf-tf(HMM:4.8e-21) |
| 15166 | LIB3093-027-Q1-K1-E9.f2 | srf-tf(HMM:4.9e-10) |
| 15167 | 6994_1.R1040.f1 | srf-tf(HMM:4e-09) |
| 15168 | leu701147176.h1.f6 | srf-tf(HMM:5.2e-25) |
| 15169 | 81673_1.R1040.f1 | srf-tf(HMM:5.3e-35) |
| 15170 | 156980_1.R1040.f1 | srf-tf(HMM:5.6e-05) |

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| 15171 | 46096_1.R1040.f2 | srf-tf(HMM:5.7e-13) |
| 15172 | LIB3109-031-Q1-K1-F1.f3 | srf-tf(HMM:6.1e-35) |
| 15173 | 35441_2.R1040.f3 | srf-tf(HMM:6.3e-15) |
| 15174 | kl1701214813.h1.f3 | srf-tf(HMM:6.9e-18) |
| 15175 | 128341_2.R1040.f3 | srf-tf(HMM:7.1e-25) |
| 15176 | 59748_1.R1040.f3 | srf-tf(HMM:7.2e-26) |
| 15177 | pcp700994373.h1.f3 | srf-tf(HMM:7.2e-33) |
| 15178 | 15477_1.R1040.f2 | srf-tf(HMM:7.8e-27) |
| 15179 | 32643_2.R1040.f1 | srf-tf(HMM:8e-36) |
| 15180 | epx701108616.h1.f3 | srf-tf(HMM:8e-37) |
| 15181 | trc700567764.h1.f2 | tbp(HMM:0.002) |
| 15182 | dpr701100555.h1.f2 | tbp(HMM:0.0086) |
| 15183 | 617_2.R1040.f3 | tbp(HMM:1.3e-18) |
| 15184 | 48606_1.R1040.f2 | tbp(HMM:1.3e-44) |
| 15185 | 617_1.R1040.f3 | tbp(HMM:3e-81) |
| 15186 | LIB3138-088-P1-N1-C6.f3 | teo(HMM:0.00014) |
| 15187 | zhf700956403.h1.f1 | teo(HMM:0.003) |
| 15188 | g4292721.f2 | teo(HMM:0.0033) |
| 15189 | 102330_1.R1040.f6 | teo(HMM:0.013) |
| 15190 | LIB3093-012-Q1-K1-E3.f2 | teo(HMM:0.051) |
| 15191 | g5606956.f2 | teo(HMM:1.4e-25) |
| 15192 | jC-gmle01810063f05a1.f1 | teo(HMM:1.5e-22) |
| 15193 | uC-gmflminsoy099a08b1.f3 | teo(HMM:1.6e-21) |
| 15194 | 5448_2.R1040.f1 | teo(HMM:1.6e-35) |
| 15195 | 5448_3.R1040.f3 | teo(HMM:1.6e-35) |
| 15196 | LIB3106-019-Q1-K1-B7.f1 | teo(HMM:1.7e-33) |
| 15197 | 5448_6.R1040.f1 | teo(HMM:1.7e-34) |
| 15198 | hyd700725110.h1.f2 | teo(HMM:5.3) |
| 15199 | 183520_1.R1040.f2 | teo(HMM:5.7e-05) |
| 15200 | hyd700729312.h1.f2 | teo(HMM:6.1) |
| 15201 | awf700837637.h1.f1 | teo(HMM:6.2e-07) |
| 15202 | vwf700679824.h1.f1 | teo(HMM:6.5e) |
| 15203 | vzy700756889.h1.f3 | teo(HMM:6.6e- |
| 15204 | 60123_1.R1040.f1 | teo(HMM:6.8e- |
| 15205 | 33770_1.R1040.f3 | teo(HMM:7.4e-38) |
| 15206 | 9933_1.R1040.f3 | teo(HMM:8.7e-13) |
| 15207 | 60123_2.R1040.f3 | teo(HMM:9.7e-37) |
| 15208 | 10561_1.R1040.f1 | tflis(HMM:5.3e-07) |
| 15209 | 465_1.R1040.f3 | transcript_fa(M:1.3e-58) |
| 15210 | bth700843928.h1.f1 | transcript_f(M:3.1e-10) |
| 15211 | 68771_1.R1040.f3 | transcript(M:4.9e-17) |
| 15212 | pcp700995421.h1.f2 | (HMM:0.00017) |
| 15213 | 17983_1.R1040.f3 | (HMM:0.00019) |
| 15214 | 128010_1.R1040.f1 | trihelix(HMM:0.00037) |
| 15215 | 209142_1.R1040.f2 | trihelix(HMM:0.00052) |
| 15216 | jC-gmst02400026g10d1.f6 | trihelix(HMM:0.0014) |
| 15217 | seb700653894.h1.f1 | trihelix(HMM:0.0035) |
| 15218 | 12115_1.R1040.f1 | trihelix(HMM:0.0043) |
| 15219 | pxt700946369.h1.f1 | trihelix(HMM:0.026) |
| 15220 | eep700870423.h1.f2 | trihelix(HMM:0.04) |
| 15221 | wrg700787666.h2.f1 | trihelix(HMM:0.091) |
| 15222 | 47689_1.R1040.f2 | trihelix(HMM:0.96) |
| 15223 | epx701105054.h1.f2 | trihelix(HMM:1.1) |
| 15224 | jC-gmfl02220053d12a1.f2 | trihelix(HMM:1.1e-10) |

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| 15225 | 111137_1.R1040.f3 | trihelix(HMM:1.1e-53) |
| 15226 | 22613_1.R1040.f1 | trihelix(HMM:1.6e-27) |
| 15227 | 21514_2.R1040.f3 | trihelix(HMM:1.9e-13) |
| 15228 | 48447_2.R1040.f1 | trihelix(HMM:2.1e-51) |
| 15229 | 179118_1.R1040.f2 | trihelix(HMM:2.3e-11) |
| 15230 | 21514_1.R1040.f2 | trihelix(HMM:2.5e-11) |
| 15231 | leu701147318.h1.f5 | trihelix(HMM:3.6e-09) |
| 15232 | awf700842639.h1.f1 | trihelix(HMM:3e-12) |
| 15233 | epx701104659.h1.f3 | trihelix(HMM:4e-05) |
| 15234 | leu701154819.h1.f3 | trihelix(HMM:4e-26) |
| 15235 | 266337_2.R1040.f3 | trihelix(HMM:4e-36) |
| 15236 | 48447_1.R1040.f1 | trihelix(HMM:5.8e-49) |
| 15237 | 59136_1.R1040.f1 | trihelix(HMM:7.9e-08) |
| 15238 | 266337_1.R1040.f1 | trihelix(HMM:8.6e-23) |
| 15239 | LIB3106-098-Q1-K1-A2.f3 | trihelix(HMM:9.3e-18) |
| 15240 | 90535_2.R1040.f4 | wrky(HMM:0.00024) |
| 15241 | gsv701045076.h1.f2 | wrky(HMM:0.00031) |
| 15242 | zhf700955317.h1.f1 | wrky(HMM:0.00047) |
| 15243 | LIB3138-090-P1-N1-F6.f1 | wrky(HMM:0.00075) |
| 15244 | 290580_1.R1040.f1 | wrky(HMM:0.00092) |
| 15245 | gsv701046755.h1.f3 | wrky(HMM:0.00094) |
| 15246 | 131136_1.R1040.f3 | wrky(HMM:0.0013) |
| 15247 | uC-gmronoir041h05b1.f2 | wrky(HMM:0.0037) |
| 15248 | jC-gmro02910003h07a1.f2 | wrky(HMM:0.0039) |
| 15249 | 33169_1.R1040.f2 | wrky(HMM:0.0055) |
| 15250 | g4291797.f2 | wrky(HMM:0.0062) |
| 15251 | uxk700667180.h1.f3 | wrky(HMM:0.0071) |
| 15252 | 23922_4.R1040.f3 | wrky(HMM:0.014) |
| 15253 | 26104_1.R1040.f2 | wrky(HMM:0.015) |
| 15254 | 89815_1.R1040.f4 | wrky(HMM:0.017) |
| 15255 | kl1701212095.h1.f3 | wrky(HMM:0.02) |
| 15256 | g4396678.f2 | wrky(HMM:0.022) |
| 15257 | pmv700889362.h1.f3 | wrky(HMM:0.038) |
| 15258 | 106626_2.R1040.f3 | wrky(HMM:0.044) |
| 15259 | 49185_2.R1040.f3 | wrky(HMM:0.048) |
| 15260 | 223518_1.R1040.f3 | wrky(HMM:0.089) |
| 15261 | 75608_1.R1040.f1 | wrky(HMM:0.22) |
| 15262 | LIB3093-052-Q1-K1-F6.f6 | wrky(HMM:0.46) |
| 15263 | jC-gmro02910008b07a1.f3 | wrky(HMM:0.49) |
| 15264 | bth700848185.h1.f3 | wrky(HMM:0.61) |
| 15265 | 32308_1.R1040.f3 | wrky(HMM:0.64) |
| 15266 | jC-gmfl02220142g12a1.f1 | wrky(HMM:1.1) |
| 15267 | jsh701063748.h1.f2 | wrky(HMM:1.1e-14) |
| 15268 | 28237_1.R1040.f1 | wrky(HMM:1.1e-32) |
| 15269 | LIB3139-056-P1-N1-F6.f3 | wrky(HMM:1.2e-14) |
| 15270 | 20319_1.R1040.f1 | wrky(HMM:1.3e-38) |
| 15271 | 20538_1.R1040.f2 | wrky(HMM:1.3e-41) |
| 15272 | 59118_1.R1040.f1 | wrky(HMM:1.4e-38) |
| 15273 | pmv700888487.h1.f1 | wrky(HMM:1.5e-37) |
| 15274 | 203656_1.R1040.f2 | wrky(HMM:1.5e-41) |
| 15275 | 23922_1.R1040.f2 | wrky(HMM:1.5e-42) |
| 15276 | 203656_2.R1040.f3 | wrky(HMM:1.6e-10) |
| 15277 | 315174_1.R1040.f2 | wrky(HMM:1.6e-27) |
| 15278 | 4989_1.R1040.f1 | wrky(HMM:1.6e-39) |

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| 15279 | 49557_1.R1040.f1 | wrky(HMM:1.6e-40) |
| 15280 | 180690_1.R1040.f2 | wrky(HMM:1.8e-06) |
| 15281 | 210287_1.R1040.f3 | wrky(HMM:1.8e-30) |
| 15282 | 62859_1.R1040.f1 | wrky(HMM:1.9e-44) |
| 15283 | LIB3050-011-Q1-E1-A10.f2 | wrky(HMM:2.1e-28) |
| 15284 | 106626_1.R1040.f2 | wrky(HMM:2.1e-33) |
| 15285 | 271883_1.R1040.f3 | wrky(HMM:2.2e-90) |
| 15286 | 28599_1.R1040.f3 | wrky(HMM:2.3e-35) |
| 15287 | jex700906508.h1.f2 | wrky(HMM:2.4e-29) |
| 15288 | txt700732134.h1.f2 | wrky(HMM:2.5) |
| 15289 | 33911_2.R1040.f1 | wrky(HMM:2e-16) |
| 15290 | 92768_1.R1040.f4 | wrky(HMM:3.3e-41) |
| 15291 | 15043_1.R1040.f2 | wrky(HMM:3.3e-44) |
| 15292 | zsg701123986.h1.f1 | wrky(HMM:3.4) |
| 15293 | 2719_1.R1040.f1 | wrky(HMM:3.4e-39) |
| 15294 | 33911_1.R1040.f3 | wrky(HMM:3.6e-41) |
| 15295 | fde700874291.h1.f1 | wrky(HMM:3.8e-06) |
| 15296 | 20857_1.R1040.f3 | wrky(HMM:3.9e-13) |
| 15297 | LIB3050-015-Q1-E1-F6.f2 | wrky(HMM:3e-06) |
| 15298 | jC-gmro02910037c12a1.f2 | wrky(HMM:4.2e-32) |
| 15299 | 23922_3.R1040.f1 | wrky(HMM:4.2e-42) |
| 15300 | 149364_1.R1040.f2 | wrky(HMM:4.3e-06) |
| 15301 | zsg701123055.h1.f1 | wrky(HMM:4.3e-06) |
| 15302 | 78602_1.R1040.f2 | wrky(HMM:4.5e-39) |
| 15303 | 6HC-01-Q1-E1-B11.f5 | wrky(HMM:4.6e-23) |
| 15304 | LIB3051-037-Q1-K1-F6.f3 | wrky(HMM:4.6e-36) |
| 15305 | 123589_1.R1040.f2 | wrky(HMM:4.6e-42) |
| 15306 | 20319_6.R1040.f2 | wrky(HMM:4.9e-24) |
| 15307 | 10864_1.R1040.f2 | wrky(HMM:4e-23) |
| 15308 | 83624_1.R1040.f1 | wrky(HMM:6.2e-33) |
| 15309 | zzp700832484.h1.f1 | wrky(HMM:6.4e-06) |
| 15310 | 16828_1.R1040.f2 | wrky(HMM:6.8e-34) |
| 15311 | 175077_1.R1040.f1 | wrky(HMM:6e-35) |
| 15312 | 26397_1.R1040.f3 | wrky(HMM:7.1e-39) |
| 15313 | gsv701056828.h1.f3 | wrky(HMM:7.2e-41) |
| 15314 | LIB3106-049-Q1-K1-E3.f3 | wrky(HMM:7.3e-32) |
| 15315 | 32018_1.R1040.f2 | wrky(HMM:7.6e-23) |
| 15316 | xpa700796339.h1.f2 | wrky(HMM:7.7) |
| 15317 | 26104_2.R1040.f1 | wrky(HMM:7.8e-34) |
| 15318 | 248615_1.R1040.f2 | wrky(HMM:8.4e-38) |
| 15319 | 203592_1.R1040.f2 | wrky(HMM:8.5e-18) |
| 15320 | 271883_1.R1040.f2 | wrky(HMM:8.6e-18) |
| 15321 | 28262_1.R1040.f1 | wrky(HMM:8.8e-30) |
| 15322 | hrw701058294.h1.f1 | wrky(HMM:9.8e-08) |
| 15323 | LIB3028-028-Q1-B1-G1.f1 | "zf-b_box(HMM:0.00026),zf-constans(HMM:4.4e-35)" |
| 15324 | zhf700956765.h1.f2 | "zf-b_box(HMM:0.00039),zf-constans(HMM:6.1e-18)" |
| 15325 | 5359_1.R1040.f3 | "zf-b_box(HMM:0.0018),zf-constans(HMM:1.9e-15)" |
| 15326 | 80526_1.R1040.f1 | "zf-b_box(HMM:0.0037),zf-constans(HMM:3.4e-35)" |
| 15327 | 24008_1.R1040.f1 | "zf-b_box(HMM:0.0051),zf-constans(HMM:4.7e-36)" |

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| 15328 | 63519_2.R1040.f1 | "zf-b_box(HMM:0.0088),zf-constans(HMM:2.4e-31)" |
| 15329 | 32727_1.R1040.f2 | "zf-b_box(HMM:0.011),zf-constans(HMM:5.3e-42)" |
| 15330 | crh700850745.h1.f2 | "zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)" |
| 15331 | zhf700953734.h1.f2 | "zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)" |
| 15332 | 6465_1.R1040.f1 | "zf-b_box(HMM:0.028),zf-constans(HMM:1.6e-38)" |
| 15333 | 84114_1.R1040.f2 | "zf-b_box(HMM:0.03),zf-constans(HMM:1.3e-16)" |
| 15334 | 32727_2.R1040.f3 | "zf-b_box(HMM:0.032),zf-constans(HMM:2.9e-40)" |
| 15335 | 100383_1.R1040.f1 | "zf-b_box(HMM:0.035),zf-constans(HMM:1.1e-17)" |
| 15336 | 32876_1.R1040.f1 | "zf-b_box(HMM:0.036),zf-constans(HMM:6.3e-32)" |
| 15337 | 153249_1.R1040.f1 | "zf-b_box(HMM:0.052),zf-constans(HMM:1.1e-09)" |
| 15338 | 100881_1.R1040.f1 | "zf-b_box(HMM:0.054),zf-constans(HMM:5.7e-32)" |
| 15339 | fde700875533.h1.f3 | "zf-b_box(HMM:0.057),zf-constans(HMM:1.7e-19)" |
| 15340 | 102998_1.R1040.f1 | "zf-b_box(HMM:0.088),zf-constans(HMM:7.1e-09)" |
| 15341 | 58708_1.R1040.f3 | "zf-b_box(HMM:0.094),zf-constans(HMM:9.4e-16)" |
| 15342 | 4668_1.R1040.f2 | zf-c2h2(HMM:0.00019) |
| 15343 | LIB3109-031-Q1-K1-F7.f3 | zf-c2h2(HMM:0.00019) |
| 15344 | LIB3170-022-Q1-J1-A2.f6 | zf-c2h2(HMM:0.00079) |
| 15345 | 35151_1.R1040.f2 | zf-c2h2(HMM:0.0012) |
| 15346 | 46470_1.R1040.f3 | zf-c2h2(HMM:0.0012) |
| 15347 | 46470_2.R1040.f3 | zf-c2h2(HMM:0.0012) |
| 15348 | 126225_1.R1040.f2 | zf-c2h2(HMM:0.0013) |
| 15349 | jC-gmle01810062b01a1.f2 | zf-c2h2(HMM:0.0014) |
| 15350 | 320112_1.R1040.f1 | zf-c2h2(HMM:0.0019) |
| 15351 | 15701_1.R1040.f2 | zf-c2h2(HMM:0.0022) |
| 15352 | 185045_1.R1040.f1 | zf-c2h2(HMM:0.0024) |
| 15353 | LIB3170-040-Q1-K1-G1.f1 | zf-c2h2(HMM:0.0024) |
| 15354 | uC-gmrominsoy308h08b1.f3 | zf-c2h2(HMM:0.0024) |
| 15355 | LIB3051-092-Q1-K1-C4.f2 | zf-c2h2(HMM:0.0039) |
| 15356 | wvk700686436.h1.f1 | zf-c2h2(HMM:0.0056) |
| 15357 | uC-gmrominsoy187h05b1.f2 | zf-c2h2(HMM:0.008) |
| 15358 | 62724_2.R1040.f1 | zf-c2h2(HMM:0.0089) |
| 15359 | kmv700743676.h1.f1 | zf-c2h2(HMM:0.0097) |
| 15360 | 737_3.R1040.f2 | zf-c2h2(HMM:0.011) |
| 15361 | jC-gmro02910037d11a1.f2 | zf-c2h2(HMM:0.012) |
| 15362 | 139232_2.R1040.f3 | zf-c2h2(HMM:0.016) |
| 15363 | 18028_1.R1040.f1 | zf-c2h2(HMM:0.017) |
| 15364 | 7478_2.R1040.f2 | zf-c2h2(HMM:0.018) |
| 15365 | 18923_1.R1040.f3 | zf-c2h2(HMM:0.023) |
| 15366 | LIB3106-015-Q1-K1-B6.f1 | zf-c2h2(HMM:0.03) |
| 15367 | sat701008812.h1.f3 | zf-c2h2(HMM:0.061) |

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| 15368 | 20563_1.R1040.f1 | zf-c2h2(HMM:0.062) |
| 15369 | 34772_1.R1040.f3 | zf-c2h2(HMM:0.063) |
| 15370 | 354384_1.R1040.f2 | zf-c2h2(HMM:0.064) |
| 15371 | 7378_1.R1040.f1 | zf-c2h2(HMM:0.066) |
| 15372 | uC-gmronoir015a12b1.f3 | zf-c2h2(HMM:0.078) |
| 15373 | 7378_2.R1040.f2 | zf-c2h2(HMM:0.1) |
| 15374 | gsv701051411.h1.f3 | zf-c2h2(HMM:1.2e-05) |
| 15375 | 7478_1.R1040.f2 | zf-c2h2(HMM:1.2e-07) |
| 15376 | 737_2.R1040.f2 | zf-c2h2(HMM:1.4e-09) |
| 15377 | uC-gmropic056a03b1.f3 | zf-c2h2(HMM:1.5e-06) |
| 15378 | uC-gmropic061b05b1.f3 | zf-c2h2(HMM:1.5e-06) |
| 15379 | 18489_1.R1040.f1 | zf-c2h2(HMM:1.7e-30) |
| 15380 | 18791_1.R1040.f1 | zf-c2h2(HMM:2.7e-08) |
| 15381 | uC-gmropic109h12b1.f1 | zf-c2h2(HMM:2.9e-13) |
| 15382 | 153_2.R1040.f3 | zf-c2h2(HMM:2e-07) |
| 15383 | 737_1.R1040.f1 | zf-c2h2(HMM:4.9e-09) |
| 15384 | 153_1.R1040.f2 | zf-c2h2(HMM:5.3e-07) |
| 15385 | 30114_1.R1040.f1 | zf-c2h2(HMM:6.1e-07) |
| 15386 | jC-gmfl02220053d11a1.f2 | zf-c2h2(HMM:6.7e-07) |
| 15387 | 65816_1.R1040.f2 | zf-c2h2(HMM:9.6e-08) |
| 15388 | trc700565874.h1.f1 | zf-c3hc4(HMM:0.0001) |
| 15389 | LIB3051-009-Q1-E1-E7.f3 | zf-c3hc4(HMM:0.00011) |
| 15390 | kll701205427.h1.f1 | zf-c3hc4(HMM:0.00012) |
| 15391 | 273_25.R1040.f2 | zf-c3hc4(HMM:0.00013) |
| 15392 | 185394_1.R1040.f1 | zf-c3hc4(HMM:0.0002) |
| 15393 | crh700851994.h1.f1 | zf-c3hc4(HMM:0.00024) |
| 15394 | 231037_1.R1040.f3 | zf-c3hc4(HMM:0.00025) |
| 15395 | 35616_1.R1040.f2 | zf-c3hc4(HMM:0.00043) |
| 15396 | 68597_1.R1040.f1 | zf-c3hc4(HMM:0.00045) |
| 15397 | dpv701097117.h1.f2 | zf-c3hc4(HMM:0.00053) |
| 15398 | 46383_1.R1040.f1 | zf-c3hc4(HMM:0.00063) |
| 15399 | 26577_1.R1040.f3 | zf-c3hc4(HMM:0.00072) |
| 15400 | 86699_1.R1040.f4 | zf-c3hc4(HMM:0.00088) |
| 15401 | 132183_1.R1040.f3 | zf-c3hc4(HMM:0.0011) |
| 15402 | LIB3051-030-Q1-K1-G5.f2 | zf-c3hc4(HMM:0.0012) |
| 15403 | uC-gmropic009b09b1.f1 | zf-c3hc4(HMM:0.0013) |
| 15404 | 54776_1.R1040.f3 | zf-c3hc4(HMM:0.0016) |
| 15405 | LIB3139-031-P1-N1-H3.f3 | zf-c3hc4(HMM:0.003) |
| 15406 | 79907_1.R1040.f3 | zf-c3hc4(HMM:0.0031) |
| 15407 | jC-gmle01810054b09a1.f2 | zf-c3hc4(HMM:0.0032) |
| 15408 | g4314048.f1 | zf-c3hc4(HMM:0.0034) |
| 15409 | 119_4.R1040.f1 | zf-c3hc4(HMM:0.0035) |
| 15410 | 310511_1.R1040.f6 | zf-c3hc4(HMM:0.0036) |
| 15411 | 6551_1.R1040.f3 | zf-c3hc4(HMM:0.0037) |
| 15412 | crh700853019.h1.f3 | zf-c3hc4(HMM:0.0041) |
| 15413 | LIB3170-029-Q1-J1-B11.f5 | zf-c3hc4(HMM:0.005) |
| 15414 | 171917_1.R1040.f1 | zf-c3hc4(HMM:0.0058) |
| 15415 | 42612_1.R1040.f2 | zf-c3hc4(HMM:0.0068) |
| 15416 | smc700745011.h1.f2 | zf-c3hc4(HMM:0.0071) |
| 15417 | 26812_2.R1040.f3 | zf-c3hc4(HMM:0.0077) |
| 15418 | 99235_1.R1040.f6 | zf-c3hc4(HMM:0.0079) |
| 15419 | 42381_1.R1040.f2 | zf-c3hc4(HMM:0.008) |
| 15420 | jC-gmst02400060f04d1.f4 | zf-c3hc4(HMM:0.009) |
| 15421 | 19842_1.R1040.f1 | zf-c3hc4(HMM:0.0098) |

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| 15422 | 19150_1.R1040.f3 | zf-c3hc4(HMM:0.011) |
| 15423 | 29230_1.R1040.f2 | zf-c3hc4(HMM:0.011) |
| 15424 | 15218_1.R1040.f2 | zf-c3hc4(HMM:0.012) |
| 15425 | 15218_2.R1040.f3 | zf-c3hc4(HMM:0.012) |
| 15426 | 103882_1.R1040.f3 | zf-c3hc4(HMM:0.013) |
| 15427 | uC-gmrominsoy176h07b1.fl | zf-c3hc4(HMM:0.013) |
| 15428 | 161466_1.R1040.f2 | zf-c3hc4(HMM:0.015) |
| 15429 | 292889_1.R1040.f1 | zf-c3hc4(HMM:0.016) |
| 15430 | 21450_1.R1040.f2 | zf-c3hc4(HMM:0.017) |
| 15431 | 16293_1.R1040.f1 | zf-c3hc4(HMM:0.018) |
| 15432 | 60756_1.R1040.f3 | zf-c3hc4(HMM:0.02) |
| 15433 | 194900_2.R1040.f1 | zf-c3hc4(HMM:0.021) |
| 15434 | 59077_1.R1040.f2 | zf-c3hc4(HMM:0.021) |
| 15435 | 3108_1.R1040.f3 | zf-c3hc4(HMM:0.024) |
| 15436 | 57367_1.R1040.f3 | zf-c3hc4(HMM:0.025) |
| 15437 | 132981_1.R1040.f1 | zf-c3hc4(HMM:0.026) |
| 15438 | 26812_1.R1040.f3 | zf-c3hc4(HMM:0.026) |
| 15439 | 36241_1.R1040.f2 | zf-c3hc4(HMM:0.027) |
| 15440 | LIB3106-064-Q1-K1-C12.f2 | zf-c3hc4(HMM:0.03) |
| 15441 | gsv701050091.h1.f2 | zf-c3hc4(HMM:0.031) |
| 15442 | 116974_1.R1040.f2 | zf-c3hc4(HMM:0.035) |
| 15443 | pxt700944140.h1.f1 | zf-c3hc4(HMM:0.036) |
| 15444 | 170870_1.R1040.f1 | zf-c3hc4(HMM:0.042) |
| 15445 | 2079_1.R1040.f1 | zf-c3hc4(HMM:0.055) |
| 15446 | LIB3039-011-Q1-E1-A9.f1 | zf-c3hc4(HMM:0.065) |
| 15447 | LIB3050-022-Q1-K1-F8.f1 | zf-c3hc4(HMM:0.065) |
| 15448 | 45639_1.R1040.f2 | "zf-c3hc4(HMM:0.07),zz(HMM:1e-05)" |
| 15449 | 4147_1.R1040.f2 | zf-c3hc4(HMM:0.075) |
| 15450 | 7073_1.R1040.f3 | zf-c3hc4(HMM:0.091) |
| 15451 | 99503_1.R1040.f2 | zf-c3hc4(HMM:0.14) |
| 15452 | 27215_1.R1040.f2 | zf-c3hc4(HMM:0.15) |
| 15453 | 2719_3.R1040.f1 | zf-c3hc4(HMM:0.15) |
| 15454 | LIB3093-047-Q1-K1-B9.f1 | zf-c3hc4(HMM:0.18) |
| 15455 | LIB3139-037-P1-N1-B3.f3 | zf-c3hc4(HMM:0.18) |
| 15456 | 194157_1.R1040.f3 | zf-c3hc4(HMM:0.24) |
| 15457 | LIB3087-010-Q1-K1-D12.f3 | zf-c3hc4(HMM:0.33) |
| 15458 | kl1701205017.h1.f5 | zf-c3hc4(HMM:0.4) |
| 15459 | 122_7.R1040.f4 | zf-c3hc4(HMM:0.44) |
| 15460 | 122_8.R1040.f5 | zf-c3hc4(HMM:0.44) |
| 15461 | 122_9.R1040.f4 | zf-c3hc4(HMM:0.44) |
| 15462 | 71978_1.R1040.f1 | zf-c3hc4(HMM:0.5) |
| 15463 | fde700875744.h1.f2 | zf-c3hc4(HMM:0.69) |
| 15464 | asn701142328.h1.f5 | zf-c3hc4(HMM:1.1) |
| 15465 | 279503_1.R1040.f3 | zf-c3hc4(HMM:1.1e-05) |
| 15466 | 1667_1.R1040.f1 | zf-c3hc4(HMM:1.1e-08) |
| 15467 | 25430_1.R1040.f3 | zf-c3hc4(HMM:1.1e-08) |
| 15468 | 47467_1.R1040.f1 | zf-c3hc4(HMM:1.2e-09) |
| 15469 | 47336_6.R1040.f2 | zf-c3hc4(HMM:1.2e-09) |
| 15470 | LIB3106-067-P1-K1-B9.f1 | zf-c3hc4(HMM:1.2e-09) |
| 15471 | 82187_1.R1040.f2 | zf-c3hc4(HMM:1.2e-10) |
| 15472 | 167545_1.R1040.f1 | zf-c3hc4(HMM:1.3e-10) |
| 15473 | 260713_1.R1040.f1 | zf-c3hc4(HMM:1.3e-12) |

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| 15474 | 27599_1.R1040.f3 | zf-c3hc4(HMM:1.4e-08) |
| 15475 | 285676_1.R1040.f1 | zf-c3hc4(HMM:1.4e-11) |
| 15476 | 28688_1.R1040.f2 | zf-c3hc4(HMM:1.6e-05) |
| 15477 | LIB3050-004-Q1-E1-E5.f1 | zf-c3hc4(HMM:1.6e-07) |
| 15478 | pxt700946025.h1.f3 | zf-c3hc4(HMM:1.7e-09) |
| 15479 | awf700842735.h1.f1 | zf-c3hc4(HMM:1.7e-10) |
| 15480 | 21692_1.R1040.f2 | zf-c3hc4(HMM:1.8e-07) |
| 15481 | 174089_1.R1040.f1 | zf-c3hc4(HMM:1.9e-10) |
| 15482 | 28062_1.R1040.f2 | zf-c3hc4(HMM:1.9e-10) |
| 15483 | 81412_1.R1040.f1 | zf-c3hc4(HMM:1e-09) |
| 15484 | 33145_1.R1040.f3 | zf-c3hc4(HMM:2.1e-11) |
| 15485 | smc700749192.h1.f2 | zf-c3hc4(HMM:2.2e-06) |
| 15486 | 48122_1.R1040.f1 | zf-c3hc4(HMM:2.2e-08) |
| 15487 | 30158_1.R1040.f1 | zf-c3hc4(HMM:2.4e-10) |
| 15488 | 9815_1.R1040.f1 | zf-c3hc4(HMM:2.4e-11) |
| 15489 | 47105_3.R1040.f2 | zf-c3hc4(HMM:2.5e-07) |
| 15490 | 1991_2.R1040.f2 | zf-c3hc4(HMM:2.5e-08) |
| 15491 | 315949_1.R1040.f4 | zf-c3hc4(HMM:2.6e-05) |
| 15492 | 188190_1.R1040.f2 | zf-c3hc4(HMM:2.6e-07) |
| 15493 | 45919_1.R1040.f2 | zf-c3hc4(HMM:2.6e-09) |
| 15494 | 106140_1.R1040.f3 | zf-c3hc4(HMM:2.7e-05) |
| 15495 | 236942_1.R1040.f1 | zf-c3hc4(HMM:2.7e-05) |
| 15496 | uC-gmronoir043d12b1.f2 | zf-c3hc4(HMM:2.7e-10) |
| 15497 | 1827_2.R1040.f6 | zf-c3hc4(HMM:2.8e-06) |
| 15498 | 1886_1.R1040.f1 | zf-c3hc4(HMM:2.8e-09) |
| 15499 | 231498_1.R1040.f2 | zf-c3hc4(HMM:2.9e-12) |
| 15500 | 3816_1.R1040.f3 | zf-c3hc4(HMM:2.9e-12) |
| 15501 | 78700_1.R1040.f2 | zf-c3hc4(HMM:2.9e-12) |
| 15502 | jC-gmfl02220073g06d1.f5 | zf-c3hc4(HMM:2e-09) |
| 15503 | 194900_1.R1040.f1 | zf-c3hc4(HMM:2e-10) |
| 15504 | 494_1.R1040.f3 | zf-c3hc4(HMM:3.1e-12) |
| 15505 | 26018_1.R1040.f2 | zf-c3hc4(HMM:3.2e-06) |
| 15506 | 28804_1.R1040.f2 | zf-c3hc4(HMM:3.2e-08) |
| 15507 | 4147_2.R1040.f1 | zf-c3hc4(HMM:3.2e-10) |
| 15508 | 188798_1.R1040.f2 | zf-c3hc4(HMM:3.3e-08) |
| 15509 | seb700651467.h1.f3 | zf-c3hc4(HMM:3.3e-10) |
| 15510 | sat701008075.h1.f1 | zf-c3hc4(HMM:3.4e-05) |
| 15511 | jC-gmro02910025g05a1.f5 | zf-c3hc4(HMM:3.4e-10) |
| 15512 | 46782_1.R1040.f3 | zf-c3hc4(HMM:3.4e-12) |
| 15513 | 236721_1.R1040.f3 | zf-c3hc4(HMM:3.5e-13) |
| 15514 | 78701_1.R1040.f3 | zf-c3hc4(HMM:3.6e-08) |
| 15515 | 33941_1.R1040.f2 | zf-c3hc4(HMM:3.6e-11) |
| 15516 | 26895_1.R1040.f1 | zf-c3hc4(HMM:3.8e-07) |
| 15517 | 3772_1.R1040.f2 | zf-c3hc4(HMM:3.8e-09) |
| 15518 | 81883_1.R1040.f2 | zf-c3hc4(HMM:3.8e-10) |
| 15519 | 188211_1.R1040.f3 | zf-c3hc4(HMM:3e-06) |
| 15520 | 48257_1.R1040.f2 | zf-c3hc4(HMM:3e-06) |
| 15521 | 5003_1.R1040.f3 | zf-c3hc4(HMM:3e-09) |
| 15522 | LIB3051-014-Q1-E1-A8.f1 | zf-c3hc4(HMM:3e-09) |
| 15523 | 122_11.R1040.f6 | zf-c3hc4(HMM:4.1) |
| 15524 | g4298640.f4 | zf-c3hc4(HMM:4.2e-11) |
| 15525 | uC-gmrominsoy111a03b1.f3 | zf-c3hc4(HMM:4.3e-07) |
| 15526 | 18447_1.R1040.f3 | zf-c3hc4(HMM:4.3e-09) |
| 15527 | LIB3138-015-Q1-N2-E3.f3 | zf-c3hc4(HMM:4.4e-09) |

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| 15528 | ssr700555461.h1.f3 | zf-c3hc4(HMM:4.4e-10) |
| 15529 | uC-gmflminsoy027c02b1.f6 | zf-c3hc4(HMM:4.4e-12) |
| 15530 | vwf700678783.h1.f3 | zf-c3hc4(HMM:4.4e-12) |
| 15531 | 3816_2.R1040.f3 | zf-c3hc4(HMM:4.7e-11) |
| 15532 | 382296_1.R1040.f1 | zf-c3hc4(HMM:4.7e-11) |
| 15533 | 13937_1.R1040.f2 | zf-c3hc4(HMM:4.8e-10) |
| 15534 | 312156_1.R1040.f1 | zf-c3hc4(HMM:4.8e-12) |
| 15535 | 16576_1.R1040.f3 | zf-c3hc4(HMM:4.9e-05) |
| 15536 | LIB3170-060-Q1-J1-A6.f5 | zf-c3hc4(HMM:4.9e-08) |
| 15537 | 1065_1.R1040.f4 | zf-c3hc4(HMM:4e-06) |
| 15538 | 307024_1.R1040.f6 | zf-c3hc4(HMM:4e-09) |
| 15539 | jC-gmro02910019e01d1.f6 | zf-c3hc4(HMM:5.3e-07) |
| 15540 | 1886_5.R1040.f3 | zf-c3hc4(HMM:5.3e-10) |
| 15541 | 1886_6.R1040.f1 | zf-c3hc4(HMM:5.3e-10) |
| 15542 | g4297795.f5 | zf-c3hc4(HMM:5.3e-10) |
| 15543 | jC-gmfl02220056d04a1.f1 | zf-c3hc4(HMM:5.3e-10) |
| 15544 | jC-gmro02910027e02d1.f5 | zf-c3hc4(HMM:5.4e-10) |
| 15545 | 21464_1.R1040.f3 | zf-c3hc4(HMM:5.4e-12) |
| 15546 | 21464_3.R1040.f1 | zf-c3hc4(HMM:5.4e-12) |
| 15547 | 62774_1.R1040.f1 | zf-c3hc4(HMM:5.6e-09) |
| 15548 | 296435_1.R1040.f3 | zf-c3hc4(HMM:5.6e-11) |
| 15549 | 42176_1.R1040.f1 | zf-c3hc4(HMM:5.7e-10) |
| 15550 | 151455_1.R1040.f1 | zf-c3hc4(HMM:5.8e-11) |
| 15551 | 119_1.R1040.f3 | zf-c3hc4(HMM:5.9e-06) |
| 15552 | LIB3051-018-Q1-E1-H3.f6 | zf-c3hc4(HMM:5.9e-06) |
| 15553 | LIB3107-055-Q1-K1-B3.f2 | zf-c3hc4(HMM:5e-06) |
| 15554 | 16079_1.R1040.f3 | zf-c3hc4(HMM:5e-08) |
| 15555 | 44528_1.R1040.f2 | zf-c3hc4(HMM:5e-09) |
| 15556 | 45256_1.R1040.f1 | zf-c3hc4(HMM:5e-09) |
| 15557 | 52214_1.R1040.f3 | zf-c3hc4(HMM:5e-09) |
| 15558 | g5342446.f1 | zf-c3hc4(HMM:5e-11) |
| 15559 | 122966_1.R1040.f3 | zf-c3hc4(HMM:6.2e-12) |
| 15560 | 21466_1.R1040.f3 | zf-c3hc4(HMM:6.5e-11) |
| 15561 | 94016_1.R1040.f5 | zf-c3hc4(HMM:6.8e-12) |
| 15562 | 1886_3.R1040.f3 | zf-c3hc4(HMM:6e-09) |
| 15563 | 18729_1.R1040.f3 | zf-c3hc4(HMM:7.1e-08) |
| 15564 | g4301519.f1 | zf-c3hc4(HMM:7.3e-05) |
| 15565 | 319071_1.R1040.f6 | zf-c3hc4(HMM:7.5e-10) |
| 15566 | 30175_1.R1040.f1 | zf-c3hc4(HMM:7.5e-11) |
| 15567 | 12520_4.R1040.f1 | zf-c3hc4(HMM:7e-09) |
| 15568 | 5671_1.R1040.f1 | zf-c3hc4(HMM:8.1e-09) |
| 15569 | LIB3050-011-Q1-E1-F6.f2 | zf-c3hc4(HMM:8.2e-06) |
| 15570 | 112674_1.R1040.f2 | zf-c3hc4(HMM:8.3e-09) |
| 15571 | 4770_1.R1040.f2 | zf-c3hc4(HMM:8.3e-11) |
| 15572 | 97285_1.R1040.f6 | zf-c3hc4(HMM:8.4e-05) |
| 15573 | 214172_1.R1040.f3 | zf-c3hc4(HMM:8.4e-07) |
| 15574 | 66923_1.R1040.f3 | zf-c3hc4(HMM:8.4e-09) |
| 15575 | 8682_1.R1040.f1 | zf-c3hc4(HMM:8.5e-12) |
| 15576 | zhf700960331.h1.f1 | zf-c3hc4(HMM:8.8e-11) |
| 15577 | ncj700978144.h1.f3 | zf-c3hc4(HMM:8.8e-13) |
| 15578 | 18266_1.R1040.f3 | zf-c3hc4(HMM:8e-11) |
| 15579 | 29438_1.R1040.f1 | zf-c3hc4(HMM:9.2e-09) |
| 15580 | kli701205779.h1.f5 | zf-c3hc4(HMM:9.5e-12) |
| 15581 | 1991_1.R1040.f3 | zf-c3hc4(HMM:9e-08) |

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| 15582 | eep700869601.h1.f2 | zf-c4(HMM:9.1) |
| 15583 | 110971_1.R1040.f1 | zf-ccch(HMM:0.0001) |
| 15584 | 330437_1.R1040.f6 | zf-ccch(HMM:0.00011) |
| 15585 | uC-gmropic107e04b1.f3 | zf-ccch(HMM:0.00025) |
| 15586 | 213640_1.R1040.f2 | zf-ccch(HMM:0.00038) |
| 15587 | 15044_1.R1040.f3 | zf-ccch(HMM:0.00083) |
| 15588 | LIB3053-009-Q1-N1-E8.f3 | zf-ccch(HMM:0.0054) |
| 15589 | 15648_1.R1040.f2 | zf-ccch(HMM:0.026) |
| 15590 | 15648_3.R1040.f3 | zf-ccch(HMM:0.026) |
| 15591 | 186475_1.R1040.f2 | zf-ccch(HMM:0.029) |
| 15592 | 16414_1.R1040.f2 | zf-ccch(HMM:0.031) |
| 15593 | 26396_2.R1040.f3 | zf-ccch(HMM:0.05) |
| 15594 | 368716_1.R1040.f3 | zf-ccch(HMM:0.19) |
| 15595 | 110971_2.R1040.f1 | zf-ccch(HMM:0.29) |
| 15596 | 14949_1.R1040.f1 | zf-ccch(HMM:0.43) |
| 15597 | 31427_2.R1040.f3 | zf-ccch(HMM:1.3) |
| 15598 | LIB3051-008-Q1-E1-F7.f1 | zf-ccch(HMM:1.5e-05) |
| 15599 | 6089_1.R1040.f2 | zf-ccch(HMM:1.5e-17) |
| 15600 | LIB3138-129-Q1-N1-C11.f3 | zf-ccch(HMM:1.6e-05) |
| 15601 | 2754_2.R1040.f3 | zf-ccch(HMM:1.6e-06) |
| 15602 | 67728_1.R1040.f1 | zf-ccch(HMM:1.8e-08) |
| 15603 | jC-gmle01810064c12a1.f1 | zf-ccch(HMM:1.9e-05) |
| 15604 | 142596_1.R1040.f2 | zf-ccch(HMM:2.3e-07) |
| 15605 | 26396_1.R1040.f3 | zf-ccch(HMM:3.2e-12) |
| 15606 | 2754_1.R1040.f2 | zf-ccch(HMM:3.9e-07) |
| 15607 | 88051_1.R1040.f6 | zf-ccch(HMM:8.1e-07) |
| 15608 | 33317_1.R1040.f3 | zf-ccch(HMM:8.3e-06) |
| 15609 | 111528_1.R1040.f1 | zf-ccch(HMM:9.8e-10) |
| 15610 | 3147_2.R1040.f1 | zf-cchc(HMM:0.00011) |
| 15611 | LIB3106-067-P1-K1-D6.f2 | zf-cchc(HMM:0.00025) |
| 15612 | 3147_1.R1040.f2 | zf-cchc(HMM:0.00039) |
| 15613 | g5688335.f2 | zf-cchc(HMM:0.0014) |
| 15614 | LIB3049-042-Q1-E1-G10.f2 | zf-cchc(HMM:0.0016) |
| 15615 | 184628_1.R1040.f1 | zf-cchc(HMM:0.0023) |
| 15616 | 156800_1.R1040.f5 | zf-cchc(HMM:0.0066) |
| 15617 | LIB3050-023-Q1-K1-D8.f2 | zf-cchc(HMM:0.02) |
| 15618 | ncj700986851.h1.f6 | zf-cchc(HMM:0.022) |
| 15619 | 2466_5.R1040.f1 | zf-cchc(HMM:0.027) |
| 15620 | LIB3170-072-Q1-J1-F8.f4 | zf-cchc(HMM:0.041) |
| 15621 | 91390_1.R1040.f2 | zf-cchc(HMM:0.069) |
| 15622 | leu701157077.h1.f6 | zf-cchc(HMM:0.32) |
| 15623 | 127824_1.R1040.f2 | zf-cchc(HMM:0.37) |
| 15624 | LIB3040-014-Q1-E1-E11.f1 | zf-cchc(HMM:1.2e-05) |
| 15625 | 10030_1.R1040.f2 | zf-cchc(HMM:1.3e-05) |
| 15626 | jsh701070043.h2.f1 | zf-cchc(HMM:1.5e-06) |
| 15627 | 20435_1.R1040.f3 | zf-cchc(HMM:1.7e-07) |
| 15628 | 6411_1.R1040.f2 | zf-cchc(HMM:1.8e-05) |
| 15629 | 15107_1.R1040.f1 | zf-cchc(HMM:1e-10) |
| 15630 | LIB3138-090-P1-N1-A10.f2 | zf-cchc(HMM:2.1e-09) |
| 15631 | 52374_1.R1040.f2 | zf-cchc(HMM:2.5e-12) |
| 15632 | 2466_2.R1040.f1 | zf-cchc(HMM:3.3e-05) |
| 15633 | 8476_2.R1040.f3 | zf-cchc(HMM:3.7e-10) |
| 15634 | g4290253.f1 | zf-cchc(HMM:3e-10) |
| 15635 | 16466_1.R1040.f1 | zf-cchc(HMM:4.3e-20) |

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| 15636 | 95363_1.R1040.f5 | zf-cchc(HMM:4.4e-19) |
| 15637 | V4L-02-Q1-E1-E2.f6 | zf-cchc(HMM:4.7e-06) |
| 15638 | 7964_1.R1040.f2 | zf-cchc(HMM:4.9e-52) |
| 15639 | uaw700663647.h1.f1 | zf-cchc(HMM:5.6e-09) |
| 15640 | zsg701117332.h1.f1 | zf-cchc(HMM:8.1e-09) |
| 15641 | crh700853319.h1.f1 | zf-cchc(HMM:8.7e-06) |
| 15642 | 42986_1.R1040.f3 | zf-cchc(HMM:9.6e-06) |
| 15643 | LIB3056-003-Q1-N1-G10.f3 | zf-constans(HMM:0.013) |
| 15644 | 64010_1.R1040.f3 | zf-constans(HMM:0.048) |
| 15645 | 102998_2.R1040.f3 | zf-constans(HMM:0.095) |
| 15646 | 24889_1.R1040.f2 | zf-constans(HMM:1.3e-14) |
| 15647 | LIB3094-087-Q1-K1-A12.f2 | zf-constans(HMM:1.3e-20) |
| 15648 | 130452_1.R1040.f3 | zf-constans(HMM:1.4e-15) |
| 15649 | ncj700980420.h1.f1 | zf-constans(HMM:1.9e-08) |
| 15650 | 70306_1.R1040.f1 | zf-constans(HMM:1e-19) |
| 15651 | 100881_2.R1040.f3 | zf-constans(HMM:2.1e-09) |
| 15652 | 49610_1.R1040.f3 | zf-constans(HMM:2.1e-13) |
| 15653 | LIB3106-009-Q1-K1-C11.f2 | zf-constans(HMM:2.1e-20) |
| 15654 | 42069_1.R1040.f1 | zf-constans(HMM:2.4e-15) |
| 15655 | 32727_7.R1040.f3 | zf-constans(HMM:2.7e-08) |
| 15656 | 80526_2.R1040.f3 | zf-constans(HMM:3.3e-07) |
| 15657 | 32727_3.R1040.f3 | zf-constans(HMM:3e-38) |
| 15658 | g5058157.f1 | zf-constans(HMM:5.1e-09) |
| 15659 | 4208_1.R1040.f2 | zf-constans(HMM:5.5e-25) |
| 15660 | LIB3138-069-P1-N1-A9.f2 | zf-constans(HMM:6.2e-06) |
| 15661 | LIB3139-008-P1-N1-E4.f3 | zf-constans(HMM:6e-07) |
| 15662 | 76255_1.R1040.f2 | zf-constans(HMM:6e-14) |
| 15663 | LIB3028-010-Q1-B1-A12.f1 | zf-constans(HMM:6e-14) |
| 15664 | 67827_1.R1040.f2 | zf-mynd(HMM:0.001) |
| 15665 | 223931_1.R1040.f1 | zf-mynd(HMM:0.0012) |
| 15666 | 7099_1.R1040.f3 | zf-mynd(HMM:0.0064) |
| 15667 | 26944_1.R1040.f2 | zf-mynd(HMM:1.2e-16) |
| 15668 | 104436_2.R1040.f2 | zf-mynd(HMM:1.4e-06) |
| 15669 | 309351_1.R1040.f3 | zf-mynd(HMM:1.5e-12) |
| 15670 | g4313946.f2 | zf-mynd(HMM:4e-09) |
| 15671 | LIB3049-052-Q1-E1-H7.f2 | zf-mynd(HMM:5.7e-05) |
| 15672 | 25556_1.R1040.f2 | zf-mynd(HMM:8.7e-13) |
| 15673 | 104436_1.R1040.f1 | zf-mynd(HMM:8.8e-16) |
| 15674 | asn701142782.h1.f2 | zf-nf-x1(HMM:0.097) |
| 15675 | uC-gmrominsoy205g06b1.f2 | zf-nf-x1(HMM:1.7e-07) |
| 15676 | uC-gmronoir010e01b1.f1 | zn_clus(HMM:0.00075) |
| 15677 | LIB3139-105-P1-N1-G5.f3 | zn_clus(HMM:2.4e-07) |
| 15678 | 151593_1.R1040.f2 | zz(HMM:0.001) |
| 15679 | 113319_1.R1040.f3 | zz(HMM:0.095) |
| 15680 | zhf700960153.h1.f1 | zz(HMM:0.14) |
| 15681 | 7196_1.R1040.f3 | zz(HMM:0.42) |
| 15682 | 296435_1.R1040.f1 | zz(HMM:1.2e-09) |
| 15683 | 85562_1.R1040.f3 | zz(HMM:3.3e-11) |
| 15684 | zsg701121630.h1.f1 | zz(HMM:5.7e-13) |
| 15685 | 178742_1.R1040.f2 | zz(HMM:8.5e-09) |
| 15686 | 4806_1.R1040.f2 | zz(HMM:8.7e-07) |

Table 10 Nucleic acid sequences encoding transcription factors from Arabidopsis thaliana

| SEQ NUM | SEQ ID | Family/Method/Evalue |
|---------|---|----------------------|
| 15687 | ATL8C10422_GENSCAN_predi cted_peptide_1_159_aa | 14-3-3(HMM:8.8e-69) |
| 15688 | ATL8C11799_GENSCAN_predi cted_peptide_1_243_aa | 14-3-3(HMM:2.7e-166) |
| 15689 | ATL8C20658_GENSCAN_predi cted_peptide_2_134_aa | 14-3-3(HMM:2.3e-52) |
| 15690 | ATL8C21794_GENSCAN_predi cted_peptide_1_233_aa | 14-3-3(HMM:6.8e-132) |
| 15691 | ATL8C256_GENSCAN_predicte d_peptide_1_214_aa | 14-3-3(HMM:1.9e-142) |
| 15692 | ATL8C3535_GENSCAN_predict ed_peptide_1_244_aa | 14-3-3(HMM:2.7e-177) |
| 15693 | ATL8C42344_GENSCAN_predi cted_peptide_1_57_aa | 14-3-3(HMM:6.7e-28) |
| 15694 | ATL8C45661_GENSCAN_predi cted_peptide_2_102_aa | 14-3-3(HMM:3.4e-10) |
| 15695 | ATL8C49427_GENSCAN_predi cted_peptide_1_71_aa | 14-3-3(HMM:1.6e-26) |
| 15696 | ATL8C50037_GENSCAN_predi cted_peptide_1_107_aa | 14-3-3(HMM:0.015) |
| 15697 | ATL8C8885_GENSCAN_predict ed_peptide_2_259_aa | 14-3-3(HMM:6.3e-182) |
| 15698 | ATL8C9418_GENSCAN_predict ed_peptide_1_150_aa | 14-3-3(HMM:2.3e-58) |
| 15699 | ATL8S922_GENSCAN_predicte d_peptide_1_120_aa | 14-3-3(HMM:2.4e-24) |
| 15700 | ATL8C10274_GENSCAN_predi cted_peptide_1_149_aa | ank(HMM:7.2e-11) |
| 15701 | ATL8C10466_GENSCAN_predi cted_peptide_1_438_aa | ank(HMM:4.9e-36) |
| 15702 | ATL8C10953_GENSCAN_predi cted_peptide_1_405_aa | ank(HMM:2.6e-09) |
| 15703 | ATL8C11378_GENSCAN_predi cted_peptide_1_171_aa | ank(HMM:1.3e-20) |
| 15704 | ATL8C12089_GENSCAN_predi cted_peptide_1_90_aa | ank(HMM:3.2e-14) |
| 15705 | ATL8C13504_GENSCAN_predi cted_peptide_1_369_aa | ank(HMM:6e-16) |
| 15706 | ATL8C14047_GENSCAN_predi cted_peptide_3_421_aa | ank(HMM:0.001) |
| 15707 | ATL8C14192_GENSCAN_predi cted_peptide_1_295_aa | ank(HMM:3e-07) |
| 15708 | ATL8C14655_GENSCAN_predi cted_peptide_1_120_aa | ank(HMM:6.1e-18) |
| 15709 | ATL8C14743_GENSCAN_predi cted_peptide_2_583_aa | ank(HMM:3.9e-10) |
| 15710 | ATL8C14880_GENSCAN_predi cted_peptide_1_70_aa | ank(HMM:0.00021) |
| 15711 | ATL8C15871_GENSCAN_predi cted_peptide_1_457_aa | ank(HMM:3.5e-16) |
| 15712 | ATL8C15989_GENSCAN_predi cted_peptide_2_231_aa | ank(HMM:2.4e-11) |

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| 15713 | ATL8C16274_GENSCAN_predi | ank(HMM:2e-20) |
| | cted_peptide_1_269_aa | |
| 15714 | ATL8C16353_GENSCAN_predi | ank(HMM:2.3e-39) |
| | cted_peptide_1_621_aa | |
| 15715 | ATL8C16704_GENSCAN_predi | ank(HMM:0.2) |
| | cted_peptide_1_947_aa | |
| 15716 | ATL8C17140_GENSCAN_predi | ank(HMM:9.4e-11) |
| | cted_peptide_1_310_aa | |
| 15717 | ATL8C17730_GENSCAN_predi | ank(HMM:1.5e-24) |
| | cted_peptide_1_502_aa | |
| 15718 | ATL8C18312_GENSCAN_predi | ank(HMM:1.7e-40) |
| | cted_peptide_1_241_aa | |
| 15719 | ATL8C20807_GENSCAN_predi | ank(HMM:8.8e-22) |
| | cted_peptide_2_277_aa | |
| 15720 | ATL8C21818_GENSCAN_predi | ank(HMM:0.00023) |
| | cted_peptide_1_241_aa | |
| 15721 | ATL8C22203_GENSCAN_predi | ank(HMM:7.2e-19) |
| | cted_peptide_1_217_aa | |
| 15722 | ATL8C23232_GENSCAN_predi | ank(HMM:0.00012) |
| | cted_peptide_1_91_aa | |
| 15723 | ATL8C23747_GENSCAN_predi | ank(HMM:7.2e-10) |
| | cted_peptide_1_516_aa | |
| 15724 | ATL8C24189_GENSCAN_predi | ank(HMM:6.9e-08) |
| | cted_peptide_1_379_aa | |
| 15725 | ATL8C24414_GENSCAN_predi | ank(HMM:1.6e-31) |
| | cted_peptide_1_427_aa | |
| 15726 | ATL8C2487_GENSCAN_predict | ank(HMM:1.2e-05) |
| | ed_peptide_1_159_aa | |
| 15727 | ATL8C24965_GENSCAN_predi | ank(HMM:1.2e-11) |
| | cted_peptide_1_158_aa | |
| 15728 | ATL8C25051_GENSCAN_predi | ank(HMM:1.2e-13) |
| | cted_peptide_1_324_aa | |
| 15729 | ATL8C25992_GENSCAN_predi | ank(HMM:2) |
| | cted_peptide_1_286_aa | |
| 15730 | ATL8C25993_GENSCAN_predi | ank(HMM:0.0065) |
| | cted_peptide_1_185_aa | |
| 15731 | ATL8C25994_GENSCAN_predi | ank(HMM:0.055) |
| | cted_peptide_1_181_aa | |
| 15732 | ATL8C26169_GENSCAN_predi | ank(HMM:2.6e-34) |
| | cted_peptide_2_200_aa | |
| 15733 | ATL8C27039_GENSCAN_predi | ank(HMM:0.0001) |
| | cted_peptide_1_156_aa | |
| 15734 | ATL8C2905_GENSCAN_predict | ank(HMM:9.8e-25) |
| | ed_peptide_1_332_aa | |
| 15735 | ATL8C30154_GENSCAN_predi | ank(HMM:5.3e-08) |
| | cted_peptide_1_592_aa | |
| 15736 | ATL8C30963_GENSCAN_predi | ank(HMM:3.1e-23) |
| | cted_peptide_1_1008_aa | |
| 15737 | ATL8C31473_GENSCAN_predi | ank(HMM:1.5e-12) |
| | cted_peptide_1_289_aa | |
| 15738 | ATL8C31888_GENSCAN_predi | ank(HMM:1.1e-12) |
| | cted_peptide_1_515_aa | |
| 15739 | ATL8C31948_GENSCAN_predi | ank(HMM:4.1) |
| | cted_peptide_1_600_aa | |

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| 15740 | ATL8C32118_GENSCAN_predi | ank(HMM:6.4e-23) |
| | cted_peptide_1_562_aa | |
| 15741 | ATL8C32675_GENSCAN_predi | ank(HMM:0.019) |
| | cted_peptide_1_125_aa | |
| 15742 | ATL8C32897_GENSCAN_predi | ank(HMM:3.5e-06) |
| | cted_peptide_1_106_aa | |
| 15743 | ATL8C33147_GENSCAN_predi | ank(HMM:1.1e-12) |
| | cted_peptide_1_94_aa | |
| 15744 | ATL8C33235_GENSCAN_predi | ank(HMM:1.2e-21) |
| | cted_peptide_1_811_aa | |
| 15745 | ATL8C33884_GENSCAN_predi | ank(HMM:0.001) |
| | cted_peptide_1_566_aa | |
| 15746 | ATL8C35344_GENSCAN_predi | ank(HMM:4.6e-30) |
| | cted_peptide_1_520_aa | |
| 15747 | ATL8C35821_GENSCAN_predi | ank(HMM:1.4e-06) |
| | cted_peptide_2_357_aa | |
| 15748 | ATL8C36518_GENSCAN_predi | ank(HMM:1.9e-17) |
| | cted_peptide_1_539_aa | |
| 15749 | ATL8C37040_GENSCAN_predi | ank(HMM:6.2e-05) |
| | cted_peptide_1_260_aa | |
| 15750 | ATL8C37198_GENSCAN_predi | ank(HMM:2.1e-24) |
| | cted_peptide_1_638_aa | |
| 15751 | ATL8C37711_GENSCAN_predi | ank(HMM:1.5e-07) |
| | cted_peptide_1_466_aa | |
| 15752 | ATL8C3888_GENSCAN_predict | ank(HMM:0.00027) |
| | ed_peptide_1_205_aa | |
| 15753 | ATL8C39274_GENSCAN_predi | ank(HMM:0.00044) |
| | cted_peptide_1_189_aa | |
| 15754 | ATL8C4045_GENSCAN_predict | ank(HMM:2.7e-07) |
| | ed_peptide_1_86_aa | |
| 15755 | ATL8C41862_GENSCAN_predi | ank(HMM:6.5e-23) |
| | cted_peptide_1_197_aa | |
| 15756 | ATL8C41903_GENSCAN_predi | ank(HMM:4.8e-19) |
| | cted_peptide_1_366_aa | |
| 15757 | ATL8C42080_GENSCAN_predi | ank(HMM:5e-06) |
| | cted_peptide_1_159_aa | |
| 15758 | ATL8C43045_GENSCAN_predi | ank(HMM:1e-22) |
| | cted_peptide_1_408_aa | |
| 15759 | ATL8C4470_GENSCAN_predict | ank(HMM:0.0013) |
| | ed_peptide_1_713_aa | |
| 15760 | ATL8C45560_GENSCAN_predi | ank(HMM:1.1e-12) |
| | cted_peptide_1_169_aa | |
| 15761 | ATL8C46508_GENSCAN_predi | ank(HMM:4.1e-13) |
| | cted_peptide_2_370_aa | |
| 15762 | ATL8C47925_GENSCAN_predi | ank(HMM:8e-06) |
| | cted_peptide_1_306_aa | |
| 15763 | ATL8C48676_GENSCAN_predi | ank(HMM:3.4e-15) |
| | cted_peptide_1_270_aa | |
| 15764 | ATL8C48895_GENSCAN_predi | ank(HMM:1.5e-28) |
| | cted_peptide_1_259_aa | |
| 15765 | ATL8C49552_GENSCAN_predi | ank(HMM:1.4e-09) |
| | cted_peptide_1_394_aa | |
| 15766 | ATL8C49962_GENSCAN_predi | ank(HMM:4.3e-32) |
| | cted_peptide_2_414_aa | |

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| 15767 | ATL8C50052_GENSCAN_predicated_peptide_1_175_aa | ank(HMM:2.1e-25) |
| 15768 | ATL8C5530_GENSCAN_predicted_peptide_1_296_aa | ank(HMM:1.1e-34) |
| 15769 | ATL8C5867_GENSCAN_predicted_peptide_1_409_aa | ank(HMM:4.8e-13) |
| 15770 | ATL8C6152_GENSCAN_predicted_peptide_1_545_aa | ank(HMM:7.1e-23) |
| 15771 | ATL8C6768_GENSCAN_predicted_peptide_1_824_aa | ank(HMM:1.9e-14) |
| 15772 | ATL8C7130_GENSCAN_predicted_peptide_1_470_aa | ank(HMM:1.8e-38) |
| 15773 | ATL8C8007_GENSCAN_predicted_peptide_2_663_aa | ank(HMM:4.2e-08) |
| 15774 | ATL8C8458_GENSCAN_predicted_peptide_1_493_aa | ank(HMM:4.5e-24) |
| 15775 | ATL8C8511_GENSCAN_predicted_peptide_1_413_aa | ank(HMM:9.2e-09) |
| 15776 | ATL8C8617_GENSCAN_predicted_peptide_1_650_aa | ank(HMM:0.00045) |
| 15777 | ATL8C9245_GENSCAN_predicted_peptide_1_658_aa | ank(HMM:1.1e-37) |
| 15778 | ATL8C9454_GENSCAN_predicted_peptide_1_108_aa | ank(HMM:6.8e-08) |
| 15779 | ATL8C9485_GENSCAN_predicted_peptide_1_602_aa | ank(HMM:1.9e-22) |
| 15780 | ATL8C9583_GENSCAN_predicted_peptide_1_386_aa | ank(HMM:8.4e-17) |
| 15781 | ATL8S11035_GENSCAN_predicated_peptide_1_32_aa | ank(HMM:8.2) |
| 15782 | ATL8S11615_GENSCAN_predicated_peptide_1_131_aa | ank(HMM:1.3e-15) |
| 15783 | ATL8S13773_GENSCAN_predicated_peptide_1_85_aa | ank(HMM:6.9e-05) |
| 15784 | ATL8S19704_GENSCAN_predicated_peptide_1_63_aa | ank(HMM:0.0081) |
| 15785 | ATL8S20714_GENSCAN_predicated_peptide_1_90_aa | ank(HMM:0.00018) |
| 15786 | ATL8S27617_GENSCAN_predicated_peptide_1_155_aa | ank(HMM:1.2e-07) |
| 15787 | ATL8S3871_GENSCAN_predicted_peptide_1_145_aa | ank(HMM:1.8e-07) |
| 15788 | ATL8S4732_GENSCAN_predicted_peptide_1_58_aa | ank(HMM:6.2) |
| 15789 | ATL8S5510_GENSCAN_predicted_peptide_1_106_aa | ank(HMM:2.9e-12) |
| 15790 | ATL8S6031_GENSCAN_predicted_peptide_1_114_aa | ank(HMM:3.8e-08) |
| 15791 | ATL8C27357_GENSCAN_predicated_peptide_1_475_aa | ank(HMM:0.00016),btb(HMM:8.5e-12) |
| 15792 | ATL8C48947_GENSCAN_predicated_peptide_1_305_aa | ank(HMM:6.2e-09),chromo(HMM:0.097) |
| 15793 | ATL8C24417_GENSCAN_predicated_peptide_1_701_aa | ank(HMM:1.6e-27),zf-c3hc4(HMM:3.1e-09) |

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| 15794 | ATL8C46816_GENSCAN_predi cted_peptide_1_346_aa | ank(HMM:1.4e-13),zf- c3hc4(HMM:5.7e-07) |
| 15795 | ATL8C10744_GENSCAN_predi cted_peptide_1_233_aa | ap2-domain(HMM:0.068) |
| 15796 | ATL8C10898_GENSCAN_predi cted_peptide_1_245_aa | ap2-domain(HMM:2.6e-40) |
| 15797 | ATL8C11291_GENSCAN_predi cted_peptide_1_174_aa | ap2-domain(HMM:7.1e-32) |
| 15798 | ATL8C11384_GENSCAN_predi cted_peptide_1_277_aa | ap2-domain(HMM:6.9e-39) |
| 15799 | ATL8C12152_GENSCAN_predi cted_peptide_1_120_aa | ap2-domain(HMM:8.6e-05) |
| 15800 | ATL8C12360_GENSCAN_predi cted_peptide_1_179_aa | ap2-domain(HMM:3.8e-41) |
| 15801 | ATL8C12597_GENSCAN_predi cted_peptide_1_154_aa | ap2-domain(HMM:4.7e-11) |
| 15802 | ATL8C12766_GENSCAN_predi cted_peptide_1_120_aa | ap2-domain(HMM:6.4e-32) |
| 15803 | ATL8C12855_GENSCAN_predi cted_peptide_1_131_aa | ap2-domain(HMM:5.3e-06) |
| 15804 | ATL8C13232_GENSCAN_predi cted_peptide_1_146_aa | ap2-domain(HMM:7.2e-32) |
| 15805 | ATL8C1323_GENSCAN_predict ed_peptide_1_230_aa | ap2-domain(HMM:5e-44) |
| 15806 | ATL8C13640_GENSCAN_predi cted_peptide_1_260_aa | ap2-domain(HMM:0.01) |
| 15807 | ATL8C14133_GENSCAN_predi cted_peptide_1_200_aa | ap2-domain(HMM:1.5e-23) |
| 15808 | ATL8C14336_GENSCAN_predi cted_peptide_1_253_aa | ap2-domain(HMM:1.7e-38) |
| 15809 | ATL8C14531_GENSCAN_predi cted_peptide_1_277_aa | ap2-domain(HMM:1.3e-34) |
| 15810 | ATL8C14824_GENSCAN_predi cted_peptide_2_245_aa | ap2-domain(HMM:2.8e-35) |
| 15811 | ATL8C15163_GENSCAN_predi cted_peptide_1_188_aa | ap2-domain(HMM:4.2e-38) |
| 15812 | ATL8C15890_GENSCAN_predi cted_peptide_1_560_aa | ap2-domain(HMM:3.8e-34) |
| 15813 | ATL8C16468_GENSCAN_predi cted_peptide_1_236_aa | ap2-domain(HMM:5.6e-38) |
| 15814 | ATL8C16807_GENSCAN_predi cted_peptide_1_213_aa | ap2-domain(HMM:3.2e-43) |
| 15815 | ATL8C1970_GENSCAN_predict ed_peptide_1_155_aa | ap2-domain(HMM:0.00056) |
| 15816 | ATL8C20656_GENSCAN_predi cted_peptide_1_189_aa | ap2-domain(HMM:2.7e-12) |
| 15817 | ATL8C20829_GENSCAN_predi cted_peptide_2_133_aa | ap2-domain(HMM:5.5e-40) |
| 15818 | ATL8C22117_GENSCAN_predi cted_peptide_1_237_aa | ap2-domain(HMM:5.9e-34) |
| 15819 | ATL8C22187_GENSCAN_predi cted_peptide_2_275_aa | ap2-domain(HMM:4e-38) |
| 15820 | ATL8C23706_GENSCAN_predi cted_peptide_1_236_aa | ap2-domain(HMM:5.7e-40) |

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| 15821 | ATL8C24138_GENSCAN_predicated_peptide_1_205_aa | ap2-domain(HMM:7e-41) |
| 15822 | ATL8C24176_GENSCAN_predicated_peptide_1_233_aa | ap2-domain(HMM:2.4e-38) |
| 15823 | ATL8C24372_GENSCAN_predicated_peptide_1_194_aa | ap2-domain(HMM:1.1e-40) |
| 15824 | ATL8C24563_GENSCAN_predicated_peptide_1_329_aa | ap2-domain(HMM:2.3e-44) |
| 15825 | ATL8C24603_GENSCAN_predicated_peptide_1_219_aa | ap2-domain(HMM:3.5e-40) |
| 15826 | ATL8C25637_GENSCAN_predicated_peptide_1_182_aa | ap2-domain(HMM:8.5) |
| 15827 | ATL8C26050_GENSCAN_predicated_peptide_1_278_aa | ap2-domain(HMM:4.2e-39) |
| 15828 | ATL8C26224_GENSCAN_predicated_peptide_2_159_aa | ap2-domain(HMM:8.2e-33) |
| 15829 | ATL8C26624_GENSCAN_predicated_peptide_1_212_aa | ap2-domain(HMM:3.4e-39) |
| 15830 | ATL8C27346_GENSCAN_predicated_peptide_1_100_aa | ap2-domain(HMM:2.9e-39) |
| 15831 | ATL8C27382_GENSCAN_predicated_peptide_1_142_aa | ap2-domain(HMM:3.2e-34) |
| 15832 | ATL8C27944_GENSCAN_predicated_peptide_1_41_aa | ap2-domain(HMM:0.0012) |
| 15833 | ATL8C31409_GENSCAN_predicated_peptide_1_121_aa | ap2-domain(HMM:4.7e-28) |
| 15834 | ATL8C32024_GENSCAN_predicated_peptide_1_64_aa | ap2-domain(HMM:3.6) |
| 15835 | ATL8C3322_GENSCAN_predicted_peptide_1_337_aa | ap2-domain(HMM:9.3e-35) |
| 15836 | ATL8C3330_GENSCAN_predicted_peptide_1_244_aa | ap2-domain(HMM:7.9e-34) |
| 15837 | ATL8C33678_GENSCAN_predicated_peptide_1_215_aa | ap2-domain(HMM:7.7e-40) |
| 15838 | ATL8C33778_GENSCAN_predicated_peptide_1_188_aa | ap2-domain(HMM:1.3e-37) |
| 15839 | ATL8C33878_GENSCAN_predicated_peptide_1_312_aa | ap2-domain(HMM:5.1e-17) |
| 15840 | ATL8C34559_GENSCAN_predicated_peptide_1_288_aa | ap2-domain(HMM:3e-24) |
| 15841 | ATL8C34593_GENSCAN_predicated_peptide_1_473_aa | ap2-domain(HMM:1.2e-06) |
| 15842 | ATL8C34844_GENSCAN_predicated_peptide_1_93_aa | ap2-domain(HMM:0.0065) |
| 15843 | ATL8C35905_GENSCAN_predicated_peptide_1_255_aa | ap2-domain(HMM:4.2e-42) |
| 15844 | ATL8C37037_GENSCAN_predicated_peptide_1_207_aa | ap2-domain(HMM:9.7e-43) |
| 15845 | ATL8C37038_GENSCAN_predicated_peptide_1_159_aa | ap2-domain(HMM:1.3e-42) |
| 15846 | ATL8C3762_GENSCAN_predicted_peptide_1_343_aa | ap2-domain(HMM:2.5e-40) |
| 15847 | ATL8C37798_GENSCAN_predicated_peptide_1_185_aa | ap2-domain(HMM:1.8e-36) |

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| 15848 | ATL8C37953_GENSCAN_predi cted_peptide_1_329_aa | ap2-domain(HMM:5.7e-34) |
| 15849 | ATL8C38666_GENSCAN_predi cted_peptide_1_191_aa | ap2-domain(HMM:4e-29) |
| 15850 | ATL8C38740_GENSCAN_predi cted_peptide_1_149_aa | ap2-domain(HMM:2.1e-06) |
| 15851 | ATL8C38990_GENSCAN_predi cted_peptide_1_202_aa | ap2-domain(HMM:4.6e-39) |
| 15852 | ATL8C39008_GENSCAN_predi cted_peptide_1_233_aa | ap2-domain(HMM:4.6e-36) |
| 15853 | ATL8C39733_GENSCAN_predi cted_peptide_1_121_aa | ap2-domain(HMM:8.8e-42) |
| 15854 | ATL8C40068_GENSCAN_predi cted_peptide_1_142_aa | ap2-domain(HMM:3.2e-28) |
| 15855 | ATL8C40414_GENSCAN_predi cted_peptide_1_108_aa | ap2-domain(HMM:0.13) |
| 15856 | ATL8C40427_GENSCAN_predi cted_peptide_1_142_aa | ap2-domain(HMM:1.1e-33) |
| 15857 | ATL8C43089_GENSCAN_predi cted_peptide_1_203_aa | ap2-domain(HMM:3e-06) |
| 15858 | ATL8C4444_GENSCAN_predict ed_peptide_1_196_aa | ap2-domain(HMM:1e-38) |
| 15859 | ATL8C45007_GENSCAN_predi cted_peptide_1_170_aa | ap2-domain(HMM:1.7e-29) |
| 15860 | ATL8C46570_GENSCAN_predi cted_peptide_1_219_aa | ap2-domain(HMM:1.6e-30) |
| 15861 | ATL8C46642_GENSCAN_predi cted_peptide_1_184_aa | ap2-domain(HMM:3.7e-38) |
| 15862 | ATL8C47150_GENSCAN_predi cted_peptide_2_240_aa | ap2-domain(HMM:2e-38) |
| 15863 | ATL8C48923_GENSCAN_predi cted_peptide_1_104_aa | ap2-domain(HMM:9.5e-27) |
| 15864 | ATL8C49072_GENSCAN_predi cted_peptide_1_135_aa | ap2-domain(HMM:0.18) |
| 15865 | ATL8C49092_GENSCAN_predi cted_peptide_1_139_aa | ap2-domain(HMM:1.1e-40) |
| 15866 | ATL8C4927_GENSCAN_predict ed_peptide_1_176_aa | ap2-domain(HMM:7.1e-42) |
| 15867 | ATL8C49484_GENSCAN_predi cted_peptide_1_158_aa | ap2-domain(HMM:1.3e-18) |
| 15868 | ATL8C49679_GENSCAN_predi cted_peptide_1_227_aa | ap2-domain(HMM:3.5e-13) |
| 15869 | ATL8C49847_GENSCAN_predi cted_peptide_1_199_aa | ap2-domain(HMM:3e-29) |
| 15870 | ATL8C49894_GENSCAN_predi cted_peptide_1_114_aa | ap2-domain(HMM:2.1e-06) |
| 15871 | ATL8C49931_GENSCAN_predi cted_peptide_1_279_aa | ap2-domain(HMM:0.0012) |
| 15872 | ATL8C5285_GENSCAN_predict ed_peptide_1_144_aa | ap2-domain(HMM:3.3e-30) |
| 15873 | ATL8C5322_GENSCAN_predict ed_peptide_1_313_aa | ap2-domain(HMM:4.6e-33) |
| 15874 | ATL8C567_GENSCAN_predicte d_peptide_1_176_aa | ap2-domain(HMM:1e-32) |

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| 15875 | ATL8C6501_GENSCAN_predict ed_peptide_1_244_aa | ap2-domain(HMM:4.4e-40) |
| 15876 | ATL8C691_GENSCAN_predicte d_peptide_1_253_aa | ap2-domain(HMM:8.6e-08) |
| 15877 | ATL8C7310_GENSCAN_predict ed_peptide_1_205_aa | ap2-domain(HMM:9.8e-39) |
| 15878 | ATL8C756_GENSCAN_predicte d_peptide_1_265_aa | ap2-domain(HMM:1.8e-39) |
| 15879 | ATL8C8748_GENSCAN_predict ed_peptide_1_177_aa | ap2-domain(HMM:1.2e-30) |
| 15880 | ATL8C8870_GENSCAN_predict ed_peptide_2_143_aa | ap2-domain(HMM:5.1e-28) |
| 15881 | ATL8C898_GENSCAN_predicte d_peptide_2_235_aa | ap2-domain(HMM:2.1e-20) |
| 15882 | ATL8S1452_GENSCAN_predict ed_peptide_1_103_aa | ap2-domain(HMM:0.0093) |
| 15883 | ATL8S16698_GENSCAN_predi cted_peptide_1_94_aa | ap2-domain(HMM:3.5e-18) |
| 15884 | ATL8S26388_GENSCAN_predi cted_peptide_1_146_aa | ap2-domain(HMM:4.4e-34) |
| 15885 | ATL8C18299_GENSCAN_predi cted_peptide_1_352_aa | ap2-domain(HMM:1.9e- 29),arf(HMM:0.85),b3(HMM:2e- 47) |
| 15886 | ATL8C17377_GENSCAN_predi cted_peptide_1_203_aa | ap2-domain(HMM:2e- 13),b3(HMM:2.1e-21) |
| 15887 | ATL8C16413_GENSCAN_predi cted_peptide_1_173_aa | arf(HMM:7.4e-11) |
| 15888 | ATL8C20499_GENSCAN_predi cted_peptide_1_160_aa | arf(HMM:0.0038) |
| 15889 | ATL8C24718_GENSCAN_predi cted_peptide_1_56_aa | arf(HMM:4.1e-12) |
| 15890 | ATL8C25186_GENSCAN_predi cted_peptide_1_131_aa | arf(HMM:4e-15) |
| 15891 | ATL8C3639_GENSCAN_predict ed_peptide_1_137_aa | arf(HMM:1.7e-12) |
| 15892 | ATL8S4140_GENSCAN_predict ed_peptide_1_51_aa | arf(HMM:1.2e-13) |
| 15893 | ATL8C11317_GENSCAN_predi cted_peptide_1_100_aa | arf(HMM:3.2e- 11),b3(HMM:2.6e-10) |
| 15894 | ATL8C1173_GENSCAN_predict ed_peptide_1_235_aa | arf(HMM:5.4e- 113),b3(HMM:4.1e-23) |
| 15895 | ATL8C20922_GENSCAN_predi cted_peptide_1_220_aa | arf(HMM:7.2e- 05),b3(HMM:0.0007) |
| 15896 | ATL8C26995_GENSCAN_predi cted_peptide_1_187_aa | arf(HMM:9.8e- 15),b3(HMM:8.3e-40) |
| 15897 | ATL8C27638_GENSCAN_predi cted_peptide_1_131_aa | arf(HMM:3.1e- 11),b3(HMM:0.00045) |
| 15898 | ATL8C33763_GENSCAN_predi cted_peptide_1_218_aa | arf(HMM:1.2e- 36),b3(HMM:4.7e-22) |
| 15899 | ATL8C38056_GENSCAN_predi cted_peptide_1_296_aa | arf(HMM:2.1e- 83),b3(HMM:3.9e-15) |
| 15900 | ATL8C42220_GENSCAN_predi cted_peptide_1_300_aa | arf(HMM:1.8e- 18),b3(HMM:1.6e-38) |
| 15901 | ATL8C43871_GENSCAN_predi | arf(HMM:1.4e- |

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| 15902 | cted_peptide_1_278_aa ATL8C7233_GENSCAN_predict | 75),b3(HMM:3.8e-15) arf(HMM:4e-14),b3(HMM:7.5e-09) |
| 15903 | ed_peptide_1_183_aa ATL8S1753_GENSCAN_predict | arf(HMM:5.9),b3(HMM:0.00065) |
| 15904 | ed_peptide_1_65_aa ATL8C8390_GENSCAN_predict |) arf(HMM:5.1e-156),b3(HMM:3.5e-31),iaa(HMM:1.7e-46) |
| 15905 | ed_peptide_1_739_aa ATL8C12208_GENSCAN_predi | arf(HMM:1.4e-14),iaa(HMM:1.1e-18) |
| 15906 | cted_peptide_2_586_aa ATL8C24275_GENSCAN_predi | arf(HMM:5.1e-11),iaa(HMM:1.8e-23) |
| 15907 | cted_peptide_1_269_aa ATL8C4977_GENSCAN_predict | arf(HMM:2.6e-06),iaa(HMM:6.8e-47) |
| 15908 | ed_peptide_1_403_aa ATL8C8419_GENSCAN_predict | arf(HMM:0.18),iaa(HMM:1.4e-37) |
| 15909 | ed_peptide_1_878_aa ATL8C23772_GENSCAN_predi | arid(HMM:0.00052) |
| 15910 | cted_peptide_1_285_aa ATL8C30243_GENSCAN_predi | arid(HMM:7.8e-08) |
| 15911 | cted_peptide_1_135_aa ATL8C17240_GENSCAN_predi | arid(HMM:0.0016),hmg_box(HMM:1.4e-17) |
| 15912 | cted_peptide_1_371_aa ATL8C12199_GENSCAN_predi | athook(HMM:0.0081) |
| 15913 | cted_peptide_1_133_aa ATL8C20206_GENSCAN_predi | athook(HMM:0.044) |
| 15914 | cted_peptide_1_581_aa ATL8C23846_GENSCAN_predi | athook(HMM:0.042) |
| 15915 | cted_peptide_1_778_aa ATL8C28049_GENSCAN_predi | athook(HMM:0.00077) |
| 15916 | cted_peptide_1_280_aa ATL8C34710_GENSCAN_predi | athook(HMM:0.017) |
| 15917 | cted_peptide_1_451_aa ATL8C3754_GENSCAN_predict | athook(HMM:0.015) |
| 15918 | ed_peptide_2_257_aa ATL8C44742_GENSCAN_predi | athook(HMM:0.0096) |
| 15919 | cted_peptide_1_767_aa ATL8C45100_GENSCAN_predi | athook(HMM:0.044) |
| 15920 | cted_peptide_1_210_aa ATL8C8710_GENSCAN_predict | athook(HMM:0.0011) |
| 15921 | ed_peptide_1_297_aa ATL8C132_GENSCAN_predicte | athook(HMM:0.0014),set(HMM:0.00048) |
| 15922 | d_peptide_1_611_aa ATL8C11841_GENSCAN_predi | b3(HMM:0.0092) |
| 15923 | cted_peptide_1_243_aa ATL8C14288_GENSCAN_predi | b3(HMM:0.032) |
| 15924 | cted_peptide_2_87_aa ATL8C18052_GENSCAN_predi | b3(HMM:7.4e-06) |
| 15925 | cted_peptide_1_222_aa ATL8C1929_GENSCAN_predict | b3(HMM:1.1e-40) |
| 15926 | ed_peptide_1_217_aa ATL8C21786_GENSCAN_predi | b3(HMM:0.041) |
| 15927 | cted_peptide_1_498_aa ATL8C22967_GENSCAN_predi | b3(HMM:1.5e-53) |
| | cted_peptide_1_337_aa | |

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| 15928 | ATL8C39082_GENSCAN_predi cted_peptide_1_418_aa | b3(HMM:3.5e-69) |
| 15929 | ATL8C43561_GENSCAN_predi cted_peptide_1_263_aa | b3(HMM:2e-40) |
| 15930 | ATL8C48995_GENSCAN_predi cted_peptide_1_231_aa | b3(HMM:1.6e-20) |
| 15931 | ATL8C48996_GENSCAN_predi cted_peptide_1_183_aa | b3(HMM:3.6e-22) |
| 15932 | ATL8C5313_GENSCAN_predict ed_peptide_1_731_aa | b3(HMM:8e-69) |
| 15933 | ATL8C5875_GENSCAN_predict ed_peptide_1_171_aa | b3(HMM:5e-24) |
| 15934 | ATL8C11876_GENSCAN_predi cted_peptide_1_582_aa | bah(HMM:3.4e-07) |
| 15935 | ATL8C15451_GENSCAN_predi cted_peptide_1_203_aa | bah(HMM:3.9) |
| 15936 | ATL8C1665_GENSCAN_predict ed_peptide_1_386_aa | bah(HMM:1.3e-70) |
| 15937 | ATL8C18782_GENSCAN_predi cted_peptide_1_164_aa | bah(HMM:3.2e-10) |
| 15938 | ATL8C24184_GENSCAN_predi cted_peptide_1_609_aa | bah(HMM:1.4e-11) |
| 15939 | ATL8C35085_GENSCAN_predi cted_peptide_1_192_aa | bah(HMM:1.8e-18) |
| 15940 | ATL8C35173_GENSCAN_predi cted_peptide_1_209_aa | bah(HMM:4.8e-35) |
| 15941 | ATL8C43261_GENSCAN_predi cted_peptide_2_1263_aa | bah(HMM:4.1e-61) |
| 15942 | ATL8C4764_GENSCAN_predict ed_peptide_1_349_aa | bah(HMM:2.9e-71) |
| 15943 | ATL8C6422_GENSCAN_predict ed_peptide_1_213_aa | bah(HMM:0.27) |
| 15944 | ATL8S16064_GENSCAN_predi cted_peptide_1_48_aa | bah(HMM:0.00039) |
| 15945 | ATL8S18273_GENSCAN_predi cted_peptide_1_125_aa | bah(HMM:4.1) |
| 15946 | ATL8S8693_GENSCAN_predict ed_peptide_1_117_aa | bah(HMM:0.0039) |
| 15947 | ATL8C20617_GENSCAN_predi cted_peptide_1_800_aa | bah(HMM:3.1e-24),phd(HMM:2.2e-12) |
| 15948 | ATL8C24259_GENSCAN_predi cted_peptide_1_174_aa | bah(HMM:7.1e-19),phd(HMM:0.00061) |
| 15949 | ATL8C1238_GENSCAN_predict ed_peptide_1_89_aa | bpf-1(HMM:1.3e-53) |
| 15950 | ATL8C20744_GENSCAN_predi cted_peptide_1_302_aa | bpf-1(HMM:2.8e-28) |
| 15951 | ATL8C30215_GENSCAN_predi cted_peptide_1_215_aa | bpf-1(HMM:2.2e-26) |
| 15952 | ATL8S1503_GENSCAN_predict ed_peptide_1_64_aa | bpf-1(HMM:1.4e-40) |
| 15953 | ATL8S18972_GENSCAN_predi cted_peptide_1_60_aa | bpf-1(HMM:1.2e-32) |
| 15954 | ATL8S20074_GENSCAN_predi cted_peptide_1_86_aa | bpf-1(HMM:3.5e-47) |

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| 15955 | ATL8C49821_GENSCAN_predi | bpf-1(HMM:9.9e-06),myb_dna- |
| | cted_peptide_1_267_aa | binding(HMM:0.018) |
| 15956 | ATL8C5769_GENSCAN_predict | bpf-1(HMM:2e-33),myb_dna- |
| | ed_peptide_1_379_aa | binding(HMM:0.014) |
| 15957 | ATL8C5991_GENSCAN_predict | bpf-1(HMM:0.00042),myb_dna- |
| | ed_peptide_1_92_aa | binding(HMM:0.78) |
| 15958 | ATL8C13222_GENSCAN_predi | bromodomain(HMM:1.5e-05) |
| | cted_peptide_2_339_aa | |
| 15959 | ATL8C16281_GENSCAN_predi | bromodomain(HMM:0.062) |
| | cted_peptide_1_188_aa | |
| 15960 | ATL8C19035_GENSCAN_predi | bromodomain(HMM:2.9e-28) |
| | cted_peptide_2_311_aa | |
| 15961 | ATL8C20846_GENSCAN_predi | bromodomain(HMM:1.9e-28) |
| | cted_peptide_1_530_aa | |
| 15962 | ATL8C21331_GENSCAN_predi | bromodomain(HMM:1.5e-14) |
| | cted_peptide_1_304_aa | |
| 15963 | ATL8C22629_GENSCAN_predi | bromodomain(HMM:0.0026) |
| | cted_peptide_1_193_aa | |
| 15964 | ATL8C22630_GENSCAN_predi | bromodomain(HMM:0.11) |
| | cted_peptide_1_148_aa | |
| 15965 | ATL8C2897_GENSCAN_predict | bromodomain(HMM:1.4e-06) |
| | ed_peptide_1_455_aa | |
| 15966 | ATL8C29272_GENSCAN_predi | bromodomain(HMM:0.0001) |
| | cted_peptide_1_538_aa | |
| 15967 | ATL8C32145_GENSCAN_predi | bromodomain(HMM:3.4e-33) |
| | cted_peptide_1_325_aa | |
| 15968 | ATL8C32893_GENSCAN_predi | bromodomain(HMM:1.4e-09) |
| | cted_peptide_1_437_aa | |
| 15969 | ATL8C33727_GENSCAN_predi | bromodomain(HMM:2.8e-29) |
| | cted_peptide_1_416_aa | |
| 15970 | ATL8C33728_GENSCAN_predi | bromodomain(HMM:3.1e-25) |
| | cted_peptide_1_230_aa | |
| 15971 | ATL8C35329_GENSCAN_predi | bromodomain(HMM:7.5e-32) |
| | cted_peptide_1_340_aa | |
| 15972 | ATL8C36150_GENSCAN_predi | bromodomain(HMM:1.3e-11) |
| | cted_peptide_1_909_aa | |
| 15973 | ATL8C3716_GENSCAN_predict | bromodomain(HMM:2.9e-15) |
| | ed_peptide_1_323_aa | |
| 15974 | ATL8C37176_GENSCAN_predi | bromodomain(HMM:6.7e-32) |
| | cted_peptide_1_474_aa | |
| 15975 | ATL8C37518_GENSCAN_predi | bromodomain(HMM:0.016) |
| | cted_peptide_1_85_aa | |
| 15976 | ATL8C38971_GENSCAN_predi | bromodomain(HMM:1e-27) |
| | cted_peptide_1_489_aa | |
| 15977 | ATL8C4223_GENSCAN_predict | bromodomain(HMM:1e-08) |
| | ed_peptide_1_544_aa | |
| 15978 | ATL8S11271_GENSCAN_predi | bromodomain(HMM:3.9e-05) |
| | cted_peptide_1_31_aa | |
| 15979 | ATL8S12142_GENSCAN_predi | bromodomain(HMM:2.5e-27) |
| | cted_peptide_1_98_aa | |
| 15980 | ATL8C10878_GENSCAN_predi | bzip(HMM:0.062) |
| | cted_peptide_1_212_aa | |
| 15981 | ATL8C11165_GENSCAN_predi | bzip(HMM:8.8e-07) |
| | cted_peptide_1_299_aa | |

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| 15982 | ATL8C1239_GENSCAN_predict ed_peptide_2_180_aa | bzip(HMM:4.4e-16) |
| 15983 | ATL8C13299_GENSCAN_predi cted_peptide_1_433_aa | bzip(HMM:6.9e-18) |
| 15984 | ATL8C13317_GENSCAN_predi cted_peptide_1_369_aa | bzip(HMM:0.0022) |
| 15985 | ATL8C1368_GENSCAN_predict ed_peptide_2_200_aa | bzip(HMM:4.1e-23) |
| 15986 | ATL8C14056_GENSCAN_predi cted_peptide_4_495_aa | bzip(HMM:1.3e-11) |
| 15987 | ATL8C14451_GENSCAN_predi cted_peptide_2_344_aa | bzip(HMM:0.00043) |
| 15988 | ATL8C15588_GENSCAN_predi cted_peptide_1_145_aa | bzip(HMM:1e-09) |
| 15989 | ATL8C15596_GENSCAN_predi cted_peptide_1_170_aa | bzip(HMM:1.6e-14) |
| 15990 | ATL8C16240_GENSCAN_predi cted_peptide_2_602_aa | bzip(HMM:2.9e-11) |
| 15991 | ATL8C16804_GENSCAN_predi cted_peptide_1_315_aa | bzip(HMM:1.2e-11) |
| 15992 | ATL8C18855_GENSCAN_predi cted_peptide_1_240_aa | bzip(HMM:5) |
| 15993 | ATL8C19016_GENSCAN_predi cted_peptide_1_166_aa | bzip(HMM:1.3e-16) |
| 15994 | ATL8C21532_GENSCAN_predi cted_peptide_1_390_aa | bzip(HMM:9.7e-06) |
| 15995 | ATL8C23343_GENSCAN_predi cted_peptide_1_77_aa | bzip(HMM:0.019) |
| 15996 | ATL8C23412_GENSCAN_predi cted_peptide_1_190_aa | bzip(HMM:4.8e-15) |
| 15997 | ATL8C2367_GENSCAN_predict ed_peptide_2_391_aa | bzip(HMM:0.5) |
| 15998 | ATL8C25148_GENSCAN_predi cted_peptide_1_230_aa | bzip(HMM:0.00023) |
| 15999 | ATL8C25149_GENSCAN_predi cted_peptide_1_270_aa | bzip(HMM:0.00078) |
| 16000 | ATL8C27328_GENSCAN_predi cted_peptide_1_140_aa | bzip(HMM:2.2e-08) |
| 16001 | ATL8C31611_GENSCAN_predi cted_peptide_1_199_aa | bzip(HMM:9.4e-22) |
| 16002 | ATL8C31770_GENSCAN_predi cted_peptide_1_130_aa | bzip(HMM:8.5e-16) |
| 16003 | ATL8C33453_GENSCAN_predi cted_peptide_1_307_aa | bzip(HMM:0.079) |
| 16004 | ATL8C3345_GENSCAN_predict ed_peptide_1_228_aa | bzip(HMM:3.9e-20) |
| 16005 | ATL8C34124_GENSCAN_predi cted_peptide_1_65_aa | bzip(HMM:9.2e-07) |
| 16006 | ATL8C34862_GENSCAN_predi cted_peptide_1_498_aa | bzip(HMM:8.8e-11) |
| 16007 | ATL8C35623_GENSCAN_predi cted_peptide_1_520_aa | bzip(HMM:2.9e-16) |
| 16008 | ATL8C37065_GENSCAN_predi cted_peptide_1_126_aa | bzip(HMM:3.9e-07) |

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| 16009 | ATL8C37659_GENSCAN_predi | bzip(HMM:0.00053) |
| | cted_peptide_1_169_aa | |
| 16010 | ATL8C37660_GENSCAN_predi | bzip(HMM:2e-10) |
| | cted_peptide_1_102_aa | |
| 16011 | ATL8C37834_GENSCAN_predi | bzip(HMM:2.7e-16) |
| | cted_peptide_1_455_aa | |
| 16012 | ATL8C38074_GENSCAN_predi | bzip(HMM:3.9e-13) |
| | cted_peptide_1_171_aa | |
| 16013 | ATL8C38955_GENSCAN_predi | bzip(HMM:6.8e-06) |
| | cted_peptide_1_372_aa | |
| 16014 | ATL8C38957_GENSCAN_predi | bzip(HMM:3.9e-11) |
| | cted_peptide_1_260_aa | |
| 16015 | ATL8C39610_GENSCAN_predi | bzip(HMM:6.1e-15) |
| | cted_peptide_1_274_aa | |
| 16016 | ATL8C40695_GENSCAN_predi | bzip(HMM:5.3e-06) |
| | cted_peptide_1_295_aa | |
| 16017 | ATL8C44410_GENSCAN_predi | bzip(HMM:1.2e-09) |
| | cted_peptide_1_273_aa | |
| 16018 | ATL8C46713_GENSCAN_predi | bzip(HMM:0.0093) |
| | cted_peptide_5_248_aa | |
| 16019 | ATL8C5698_GENSCAN_predict | bzip(HMM:2.7e-11) |
| | ed_peptide_1_146_aa | |
| 16020 | ATL8C5855_GENSCAN_predict | bzip(HMM:7.5e-17) |
| | ed_peptide_1_209_aa | |
| 16021 | ATL8C7360_GENSCAN_predict | bzip(HMM:1.1e-11) |
| | ed_peptide_1_355_aa | |
| 16022 | ATL8C7677_GENSCAN_predict | bzip(HMM:6.5e-15) |
| | ed_peptide_1_346_aa | |
| 16023 | ATL8C8666_GENSCAN_predict | bzip(HMM:0.0027) |
| | ed_peptide_1_98_aa | |
| 16024 | ATL8C9187_GENSCAN_predict | bzip(HMM:0.12) |
| | ed_peptide_1_209_aa | |
| 16025 | ATL8C9923_GENSCAN_predict | bzip(HMM:2e-13) |
| | ed_peptide_1_173_aa | |
| 16026 | ATL8S18566_GENSCAN_predi | bzip(HMM:6.8e-15) |
| | cted_peptide_1_117_aa | |
| 16027 | ATL8S28086_GENSCAN_predi | bzip(HMM:8.5e-05) |
| | cted_peptide_1_94_aa | |
| 16028 | ATL8C1292_GENSCAN_predict | bzip(HMM:0.031),homeobox(HMM:4.2e-16) |
| | ed_peptide_1_257_aa | |
| 16029 | ATL8C25606_GENSCAN_predi | bzip(HMM:0.022),homeobox(HMM:9.8e-16) |
| | cted_peptide_1_327_aa | |
| 16030 | ATL8C19503_GENSCAN_predi | cbfd_nfyb_hmf(HMM:2.2e-22) |
| | cted_peptide_1_418_aa | |
| 16031 | ATL8C19937_GENSCAN_predi | cbfd_nfyb_hmf(HMM:1.6e-07) |
| | cted_peptide_1_196_aa | |
| 16032 | ATL8C22040_GENSCAN_predi | cbfd_nfyb_hmf(HMM:2.9e-05) |
| | cted_peptide_1_120_aa | |
| 16033 | ATL8C27409_GENSCAN_predi | cbfd_nfyb_hmf(HMM:0.029) |
| | cted_peptide_1_102_aa | |
| 16034 | ATL8C30032_GENSCAN_predi | cbfd_nfyb_hmf(HMM:1.3e-23) |
| | cted_peptide_2_217_aa | |
| 16035 | ATL8C32120_GENSCAN_predi | cbfd_nfyb_hmf(HMM:2e-36) |
| | cted_peptide_1_118_aa | |

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| 16036 | ATL8C33923_GENSCAN_predicated_peptide_3_224_aa | cbfd_nfyb_hmf(HMM:2e-24) |
| 16037 | ATL8C34236_GENSCAN_predicated_peptide_1_201_aa | cbfd_nfyb_hmf(HMM:8e-16) |
| 16038 | ATL8C35132_GENSCAN_predicated_peptide_1_61_aa | cbfd_nfyb_hmf(HMM:0.62) |
| 16039 | ATL8C38143_GENSCAN_predicated_peptide_1_216_aa | cbfd_nfyb_hmf(HMM:1e-38) |
| 16040 | ATL8C47214_GENSCAN_predicated_peptide_2_678_aa | cbfd_nfyb_hmf(HMM:1.3e-23) |
| 16041 | ATL8C47289_GENSCAN_predicated_peptide_1_177_aa | cbfd_nfyb_hmf(HMM:1.6e-39) |
| 16042 | ATL8C48909_GENSCAN_predicated_peptide_1_142_aa | cbfd_nfyb_hmf(HMM:9.9e-14) |
| 16043 | ATL8C5100_GENSCAN_predicted_peptide_1_71_aa | cbfd_nfyb_hmf(HMM:1e-08) |
| 16044 | ATL8C829_GENSCAN_predicted_peptide_1_160_aa | cbfd_nfyb_hmf(HMM:1.2e-08) |
| 16045 | ATL8C15044_GENSCAN_predicated_peptide_2_103_aa | cbfd_nfyb_hmf(HMM:0.099),histone(HMM:1.7e-19) |
| 16046 | ATL8C35783_GENSCAN_predicated_peptide_1_136_aa | cbfd_nfyb_hmf(HMM:0.012),histone(HMM:3.9e-52) |
| 16047 | ATL8C42081_GENSCAN_predicated_peptide_1_103_aa | cbfd_nfyb_hmf(HMM:0.099),histone(HMM:1.7e-19) |
| 16048 | ATL8C50238_GENSCAN_predicated_peptide_1_103_aa | cbfd_nfyb_hmf(HMM:0.099),histone(HMM:1.7e-19) |
| 16049 | ATL8S10143_GENSCAN_predicated_peptide_1_62_aa | cbfd_nfyb_hmf(HMM:3.8),histone(HMM:2.2e-10) |
| 16050 | ATL8C26273_GENSCAN_predicated_peptide_1_256_aa | cbfd_nfyb_hmf(HMM:5.1e-36),trihelix(HMM:4.2) |
| 16051 | ATL8C10174_GENSCAN_predicated_peptide_1_722_aa | chromo(HMM:0.017) |
| 16052 | ATL8C25064_GENSCAN_predicated_peptide_1_176_aa | chromo(HMM:0.00057) |
| 16053 | ATL8C2597_GENSCAN_predicted_peptide_1_290_aa | chromo(HMM:0.087) |
| 16054 | ATL8C26436_GENSCAN_predicated_peptide_1_144_aa | chromo(HMM:0.005) |
| 16055 | ATL8C37437_GENSCAN_predicated_peptide_1_439_aa | chromo(HMM:1e-17) |
| 16056 | ATL8C3846_GENSCAN_predicted_peptide_1_1168_aa | chromo(HMM:0.058) |
| 16057 | ATL8C43394_GENSCAN_predicated_peptide_1_317_aa | chromo(HMM:0.0026) |
| 16058 | ATL8C4472_GENSCAN_predicted_peptide_1_514_aa | chromo(HMM:0.0017) |
| 16059 | ATL8C4796_GENSCAN_predicted_peptide_2_451_aa | chromo(HMM:0.005) |
| 16060 | ATL8C8545_GENSCAN_predicted_peptide_1_725_aa | chromo(HMM:0.014) |
| 16061 | ATL8S11840_GENSCAN_predicated_peptide_1_61_aa | chromo(HMM:2.1e-08) |
| 16062 | ATL8S12870_GENSCAN_predicated_peptide_1_35_aa | chromo(HMM:0.0093) |

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| 16063 | ATL8C5666_GENSCAN_predict ed_peptide_1_137_aa | chromo(HMM:1.3),snf2_n(HMM :4.5e-19) |
| 16064 | ATL8C23249_GENSCAN_predi cted_peptide_1_135_aa | csd(HMM:1.9e-21) |
| 16065 | ATL8C2397_GENSCAN_predict ed_peptide_1_258_aa | csd(HMM:1.1e-23) |
| 16066 | ATL8C35115_GENSCAN_predi cted_peptide_2_179_aa | csd(HMM:7.6e-23) |
| 16067 | ATL8C12027_GENSCAN_predi cted_peptide_1_174_aa | dof(HMM:7) |
| 16068 | ATL8C1307_GENSCAN_predict ed_peptide_1_139_aa | dof(HMM:1.6e-34) |
| 16069 | ATL8C13085_GENSCAN_predi cted_peptide_1_281_aa | dof(HMM:2.6e-37) |
| 16070 | ATL8C14078_GENSCAN_predi cted_peptide_1_222_aa | dof(HMM:4.8e-35) |
| 16071 | ATL8C16392_GENSCAN_predi cted_peptide_1_344_aa | dof(HMM:2.1e-36) |
| 16072 | ATL8C23455_GENSCAN_predi cted_peptide_1_303_aa | dof(HMM:1.4e-36) |
| 16073 | ATL8C3045_GENSCAN_predict ed_peptide_1_107_aa | dof(HMM:0.01) |
| 16074 | ATL8C420_GENSCAN_predicte d_peptide_1_251_aa | dof(HMM:1.2e-36) |
| 16075 | ATL8C47245_GENSCAN_predi cted_peptide_1_348_aa | dof(HMM:8.6e-36) |
| 16076 | ATL8C47651_GENSCAN_predi cted_peptide_1_312_aa | dof(HMM:2.2e-36) |
| 16077 | ATL8C48462_GENSCAN_predi cted_peptide_1_170_aa | dof(HMM:5.4e-36) |
| 16078 | ATL8C5274_GENSCAN_predict ed_peptide_1_75_aa | dof(HMM:7.4e-26) |
| 16079 | ATL8C9479_GENSCAN_predict ed_peptide_1_263_aa | dof(HMM:3.1e-35) |
| 16080 | ATL8C9562_GENSCAN_predict ed_peptide_1_279_aa | dof(HMM:0.0016) |
| 16081 | ATL8S7393_GENSCAN_predict ed_peptide_1_68_aa | dof(HMM:2.7e-27) |
| 16082 | ATL8C11450_GENSCAN_predi cted_peptide_1_124_aa | dpb(HMM:3.3e-28) |
| 16083 | ATL8C19510_GENSCAN_predi cted_peptide_1_83_aa | dpb(HMM:1.2e-07) |
| 16084 | ATL8C24139_GENSCAN_predi cted_peptide_1_264_aa | dpb(HMM:0.62) |
| 16085 | ATL8C27586_GENSCAN_predi cted_peptide_1_92_aa | dpb(HMM:1.7e-36) |
| 16086 | ATL8C42989_GENSCAN_predi cted_peptide_1_283_aa | dpb(HMM:8e-18) |
| 16087 | ATL8C46424_GENSCAN_predi cted_peptide_1_347_aa | dpb(HMM:0.0047) |
| 16088 | ATL8C15998_GENSCAN_predi cted_peptide_2_60_aa | enbp(HMM:8.9e-18) |
| 16089 | ATL8C2233_GENSCAN_predict ed_peptide_1_40_aa | enbp(HMM:1e-23) |

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| 16090 | ATL8C23551_GENSCAN_predi | enbp(HMM:0.00032) |
| | cted_peptide_1_141_aa | |
| 16091 | ATL8C25161_GENSCAN_predi | enbp(HMM:4.3e-28) |
| | cted_peptide_1_233_aa | |
| 16092 | ATL8C35332_GENSCAN_predi | enbp(HMM:6.7e-31) |
| | cted_peptide_1_72_aa | |
| 16093 | ATL8C37699_GENSCAN_predi | enbp(HMM:1.8e-06) |
| | cted_peptide_1_146_aa | |
| 16094 | ATL8C4017_GENSCAN_predict | enbp(HMM:0.026) |
| | ed_peptide_1_101_aa | |
| 16095 | ATL8C42872_GENSCAN_predi | enbp(HMM:7.1e-27) |
| | cted_peptide_1_121_aa | |
| 16096 | ATL8C45996_GENSCAN_predi | enbp(HMM:0.00091) |
| | cted_peptide_1_256_aa | |
| 16097 | ATL8C47426_GENSCAN_predi | enbp(HMM:1.1e-47) |
| | cted_peptide_1_286_aa | |
| 16098 | ATL8S943_GENSCAN_predicte | enbp(HMM:3.4e-07) |
| | d_peptide_1_41_aa | |
| 16099 | ATL8C14586_GENSCAN_predi | gata(HMM:3.5) |
| | cted_peptide_1_147_aa | |
| 16100 | ATL8C15894_GENSCAN_predi | gata(HMM:2.5e-14) |
| | cted_peptide_1_315_aa | |
| 16101 | ATL8C1696_GENSCAN_predict | gata(HMM:6.3e-17) |
| | ed_peptide_1_527_aa | |
| 16102 | ATL8C21837_GENSCAN_predi | gata(HMM:2.3e-15) |
| | cted_peptide_1_264_aa | |
| 16103 | ATL8C22730_GENSCAN_predi | gata(HMM:5.4e-16) |
| | cted_peptide_1_339_aa | |
| 16104 | ATL8C24077_GENSCAN_predi | gata(HMM:2.3e-15) |
| | cted_peptide_2_238_aa | |
| 16105 | ATL8C24078_GENSCAN_predi | gata(HMM:0.00019) |
| | cted_peptide_1_68_aa | |
| 16106 | ATL8C26960_GENSCAN_predi | gata(HMM:6.5e-15) |
| | cted_peptide_1_178_aa | |
| 16107 | ATL8C33766_GENSCAN_predi | gata(HMM:1.7e-17) |
| | cted_peptide_1_231_aa | |
| 16108 | ATL8C3817_GENSCAN_predict | gata(HMM:0.43) |
| | ed_peptide_1_63_aa | |
| 16109 | ATL8C38347_GENSCAN_predi | gata(HMM:5.6e-16) |
| | cted_peptide_1_269_aa | |
| 16110 | ATL8C40525_GENSCAN_predi | gata(HMM:2.5e-13) |
| | cted_peptide_1_192_aa | |
| 16111 | ATL8C48623_GENSCAN_predi | gata(HMM:2.2e-05) |
| | cted_peptide_1_38_aa | |
| 16112 | ATL8C49952_GENSCAN_predi | gata(HMM:4.1e-17) |
| | cted_peptide_1_195_aa | |
| 16113 | ATL8C5224_GENSCAN_predict | gata(HMM:1.8e-15) |
| | ed_peptide_1_240_aa | |
| 16114 | ATL8C6407_GENSCAN_predict | gata(HMM:2.8e-17) |
| | ed_peptide_1_134_aa | |
| 16115 | ATL8C728_GENSCAN_predicte | gata(HMM:1.2e-12) |
| | d_peptide_1_169_aa | |
| 16116 | ATL8C778_GENSCAN_predicte | gata(HMM:1.5e-06) |
| | d_peptide_2_211_aa | |

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| 16117 | ATL8C7826_GENSCAN_predict ed_peptide_1_177_aa | gata(HMM:2e-09) |
| 16118 | ATL8C11779_GENSCAN_predi cted_peptide_1_318_aa | gld-tea(HMM:0.0031) |
| 16119 | ATL8C12143_GENSCAN_predi cted_peptide_1_218_aa | gld-tea(HMM:1.3) |
| 16120 | ATL8C1308_GENSCAN_predict ed_peptide_1_214_aa | gld-tea(HMM:0.00033) |
| 16121 | ATL8C13534_GENSCAN_predi cted_peptide_1_404_aa | gld-tea(HMM:0.062) |
| 16122 | ATL8C14698_GENSCAN_predi cted_peptide_1_79_aa | gld-tea(HMM:0.02) |
| 16123 | ATL8C1635_GENSCAN_predict ed_peptide_1_327_aa | gld-tea(HMM:2.5e-25) |
| 16124 | ATL8C17183_GENSCAN_predi cted_peptide_1_223_aa | gld-tea(HMM:1.5e-35) |
| 16125 | ATL8C19956_GENSCAN_predi cted_peptide_1_381_aa | gld-tea(HMM:4.3e-31) |
| 16126 | ATL8C25794_GENSCAN_predi cted_peptide_1_142_aa | gld-tea(HMM:6.4e-32) |
| 16127 | ATL8C26025_GENSCAN_predi cted_peptide_1_70_aa | gld-tea(HMM:0.0052) |
| 16128 | ATL8C26579_GENSCAN_predi cted_peptide_1_81_aa | gld-tea(HMM:0.049) |
| 16129 | ATL8C26638_GENSCAN_predi cted_peptide_1_206_aa | gld-tea(HMM:9.9e-33) |
| 16130 | ATL8C27176_GENSCAN_predi cted_peptide_1_67_aa | gld-tea(HMM:0.0077) |
| 16131 | ATL8C27237_GENSCAN_predi cted_peptide_1_53_aa | gld-tea(HMM:4.3e-21) |
| 16132 | ATL8C28358_GENSCAN_predi cted_peptide_1_85_aa | gld-tea(HMM:0.062) |
| 16133 | ATL8C31026_GENSCAN_predi cted_peptide_1_273_aa | gld-tea(HMM:0.00016) |
| 16134 | ATL8C35507_GENSCAN_predi cted_peptide_1_92_aa | gld-tea(HMM:0.00033) |
| 16135 | ATL8C4485_GENSCAN_predict ed_peptide_1_303_aa | gld-tea(HMM:5.7e-28) |
| 16136 | ATL8C46237_GENSCAN_predi cted_peptide_1_323_aa | gld-tea(HMM:2.1e-39) |
| 16137 | ATL8C49028_GENSCAN_predi cted_peptide_1_305_aa | gld-tea(HMM:5e-38) |
| 16138 | ATL8C49029_GENSCAN_predi cted_peptide_1_242_aa | gld-tea(HMM:5e-38) |
| 16139 | ATL8C6862_GENSCAN_predict ed_peptide_1_163_aa | gld-tea(HMM:0.0015) |
| 16140 | ATL8C9194_GENSCAN_predict ed_peptide_1_267_aa | gld-tea(HMM:0.0003) |
| 16141 | ATL8C9662_GENSCAN_predict ed_peptide_1_88_aa | gld-tea(HMM:1.2e-09) |
| 16142 | ATL8C9728_GENSCAN_predict ed_peptide_1_92_aa | gld-tea(HMM:1.2e-24) |
| 16143 | ATL8S19866_GENSCAN_predi cted peptide_1_46_aa | gld-tea(HMM:0.0021) |

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| 16144 | ATL8S29026_GENSCAN_predi | gld-tea(HMM:0.014) |
| | cted_peptide_1_82_aa | |
| 16145 | ATL8C13536_GENSCAN_predi | gld-tea(HMM:5.6e- |
| | cted_peptide_1_334_aa | 42),response_reg(HMM:2.4e-15) |
| 16146 | ATL8C17346_GENSCAN_predi | gld-tea(HMM:1.2e- |
| | cted_peptide_1_737_aa | 34),response_reg(HMM:8.3e-33) |
| 16147 | ATL8C9659_GENSCAN_predict | gld-tea(HMM:9.2e- |
| | ed_peptide_1_178_aa | 31),response_reg(HMM:0.081) |
| 16148 | ATL8C9660_GENSCAN_predict | gld- |
| | ed_peptide_1_187_aa | tea(HMM:0.0044),response_reg(HMM:4.5e-11) |
| 16149 | ATL8S28887_GENSCAN_predi | hhh(HMM:2.2) |
| | cted_peptide_1_157_aa | |
| 16150 | ATL8C15779_GENSCAN_predi | hist_deacetyl(HMM:6.6e-11) |
| | cted_peptide_1_100_aa | |
| 16151 | ATL8C16300_GENSCAN_predi | hist_deacetyl(HMM:2.8e-25) |
| | cted_peptide_1_551_aa | |
| 16152 | ATL8C16945_GENSCAN_predi | hist_deacetyl(HMM:7.6e-182) |
| | cted_peptide_1_923_aa | |
| 16153 | ATL8C17477_GENSCAN_predi | hist_deacetyl(HMM:6.6e-35) |
| | cted_peptide_1_262_aa | |
| 16154 | ATL8C23730_GENSCAN_predi | hist_deacetyl(HMM:0.0071) |
| | cted_peptide_1_181_aa | |
| 16155 | ATL8C24227_GENSCAN_predi | hist_deacetyl(HMM:9.5e-06) |
| | cted_peptide_1_255_aa | |
| 16156 | ATL8C27223_GENSCAN_predi | hist_deacetyl(HMM:2.2e-31) |
| | cted_peptide_1_223_aa | |
| 16157 | ATL8C36116_GENSCAN_predi | hist_deacetyl(HMM:0.0017) |
| | cted_peptide_1_206_aa | |
| 16158 | ATL8C37985_GENSCAN_predi | hist_deacetyl(HMM:7e-47) |
| | cted_peptide_1_195_aa | |
| 16159 | ATL8C40721_GENSCAN_predi | hist_deacetyl(HMM:0.003) |
| | cted_peptide_1_149_aa | |
| 16160 | ATL8C47351_GENSCAN_predi | hist_deacetyl(HMM:4.7e-06) |
| | cted_peptide_2_160_aa | |
| 16161 | ATL8C7382_GENSCAN_predict | hist_deacetyl(HMM:3.1e-08) |
| | ed_peptide_1_200_aa | |
| 16162 | ATL8C13494_GENSCAN_predi | histone(HMM:7.5e-48) |
| | cted_peptide_1_136_aa | |
| 16163 | ATL8C14384_GENSCAN_predi | histone(HMM:2.8e-48) |
| | cted_peptide_2_145_aa | |
| 16164 | ATL8C14785_GENSCAN_predi | histone(HMM:9.4e-20) |
| | cted_peptide_2_111_aa | |
| 16165 | ATL8C15061_GENSCAN_predi | histone(HMM:8.1e-48) |
| | cted_peptide_1_136_aa | |
| 16166 | ATL8C15326_GENSCAN_predi | histone(HMM:2.9e-06) |
| | cted_peptide_1_39_aa | |
| 16167 | ATL8C15690_GENSCAN_predi | histone(HMM:1.6e-05) |
| | cted_peptide_1_135_aa | |
| 16168 | ATL8C15902_GENSCAN_predi | histone(HMM:2.2e-44) |
| | cted_peptide_1_136_aa | |
| 16169 | ATL8C21346_GENSCAN_predi | histone(HMM:6.8e-29) |
| | cted_peptide_1_245_aa | |
| 16170 | ATL8C22933_GENSCAN_predi | histone(HMM:0.13) |

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| | cted_peptide_1_63_aa | |
| 16171 | ATL8C24066_GENSCAN_predi | histone(HMM:1.2e-23) |
| | cted_peptide_1_94_aa | |
| 16172 | ATL8C24887_GENSCAN_predi | histone(HMM:5.2e-42) |
| | cted_peptide_1_203_aa | |
| 16173 | ATL8C25827_GENSCAN_predi | histone(HMM:5.5e-31) |
| | cted_peptide_2_131_aa | |
| 16174 | ATL8C26567_GENSCAN_predi | histone(HMM:6.5e-12) |
| | cted_peptide_1_53_aa | |
| 16175 | ATL8C26990_GENSCAN_predi | histone(HMM:0.47) |
| | cted_peptide_1_159_aa | |
| 16176 | ATL8C30536_GENSCAN_predi | histone(HMM:4.2e-07) |
| | cted_peptide_1_39_aa | |
| 16177 | ATL8C30848_GENSCAN_predi | histone(HMM:8.1e-48) |
| | cted_peptide_2_136_aa | |
| 16178 | ATL8C31034_GENSCAN_predi | histone(HMM:1.9e-48) |
| | cted_peptide_2_148_aa | |
| 16179 | ATL8C32941_GENSCAN_predi | histone(HMM:7e-47) |
| | cted_peptide_1_243_aa | |
| 16180 | ATL8C41472_GENSCAN_predi | histone(HMM:1.5e-33) |
| | cted_peptide_1_117_aa | |
| 16181 | ATL8C42864_GENSCAN_predi | histone(HMM:8.1e-48) |
| | cted_peptide_1_170_aa | |
| 16182 | ATL8C43629_GENSCAN_predi | histone(HMM:3.9e-32) |
| | cted_peptide_1_418_aa | |
| 16183 | ATL8C46495_GENSCAN_predi | histone(HMM:2.1e-47) |
| | cted_peptide_2_136_aa | |
| 16184 | ATL8C46569_GENSCAN_predi | histone(HMM:1.9e-06) |
| | cted_peptide_1_140_aa | |
| 16185 | ATL8C48736_GENSCAN_predi | histone(HMM:6.2e-06) |
| | cted_peptide_1_213_aa | |
| 16186 | ATL8C48831_GENSCAN_predi | histone(HMM:3.4e-47) |
| | cted_peptide_1_221_aa | |
| 16187 | ATL8C5765_GENSCAN_predict | histone(HMM:1.2e-22) |
| | ed_peptide_1_88_aa | |
| 16188 | ATL8C9026_GENSCAN_predict | histone(HMM:1.6e-12) |
| | ed_peptide_2_427_aa | |
| 16189 | ATL8S7617_GENSCAN_predict | histone(HMM:1.9e-27) |
| | ed_peptide_1_138_aa | |
| 16190 | ATL8C10411_GENSCAN_predi | hlh(HMM:0.92) |
| | cted_peptide_1_184_aa | |
| 16191 | ATL8C10699_GENSCAN_predi | hlh(HMM:2.7e-13) |
| | cted_peptide_1_271_aa | |
| 16192 | ATL8C11933_GENSCAN_predi | hlh(HMM:7.6e-11) |
| | cted_peptide_1_343_aa | |
| 16193 | ATL8C12373_GENSCAN_predi | hlh(HMM:0.00026) |
| | cted_peptide_1_132_aa | |
| 16194 | ATL8C12451_GENSCAN_predi | hlh(HMM:0.031) |
| | cted_peptide_1_196_aa | |
| 16195 | ATL8C13458_GENSCAN_predi | hlh(HMM:2.3e-11) |
| | cted_peptide_1_258_aa | |
| 16196 | ATL8C1467_GENSCAN_predict | hlh(HMM:0.00041) |
| | ed_peptide_1_347_aa | |
| 16197 | ATL8C15146_GENSCAN_predi | hlh(HMM:1.1) |

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| | cted_peptide_1_140_aa | |
| 16198 | ATL8C16641_GENSCAN_predi | hlh(HMM:4.3e-09) |
| | cted_peptide_2_277_aa | |
| 16199 | ATL8C17486_GENSCAN_predi | hlh(HMM:3.7e-08) |
| | cted_peptide_1_211_aa | |
| 16200 | ATL8C17848_GENSCAN_predi | hlh(HMM:5.9e-06) |
| | cted_peptide_1_127_aa | |
| 16201 | ATL8C18901_GENSCAN_predi | hlh(HMM:0.041) |
| | cted_peptide_1_124_aa | |
| 16202 | ATL8C19853_GENSCAN_predi | hlh(HMM:4.7e-11) |
| | cted_peptide_1_253_aa | |
| 16203 | ATL8C2010_GENSCAN_predict | hlh(HMM:8.4e-18) |
| | ed_peptide_1_507_aa | |
| 16204 | ATL8C2121_GENSCAN_predict | hlh(HMM:7.8e-07) |
| | ed_peptide_1_44_aa | |
| 16205 | ATL8C2357_GENSCAN_predict | hlh(HMM:0.038) |
| | ed_peptide_1_149_aa | |
| 16206 | ATL8C24731_GENSCAN_predi | hlh(HMM:1.7e-19) |
| | cted_peptide_1_318_aa | |
| 16207 | ATL8C26435_GENSCAN_predi | hlh(HMM:0.36) |
| | cted_peptide_1_277_aa | |
| 16208 | ATL8C26690_GENSCAN_predi | hlh(HMM:1.3e-06) |
| | cted_peptide_1_86_aa | |
| 16209 | ATL8C27234_GENSCAN_predi | hlh(HMM:1.4e-09) |
| | cted_peptide_1_211_aa | |
| 16210 | ATL8C2790_GENSCAN_predict | hlh(HMM:0.062) |
| | ed_peptide_1_178_aa | |
| 16211 | ATL8C28220_GENSCAN_predi | hlh(HMM:4.5e-14) |
| | cted_peptide_1_130_aa | |
| 16212 | ATL8C28938_GENSCAN_predi | hlh(HMM:1.1e-08) |
| | cted_peptide_1_155_aa | |
| 16213 | ATL8C30249_GENSCAN_predi | hlh(HMM:0.15) |
| | cted_peptide_1_132_aa | |
| 16214 | ATL8C31985_GENSCAN_predi | hlh(HMM:3e-09) |
| | cted_peptide_1_132_aa | |
| 16215 | ATL8C32204_GENSCAN_predi | hlh(HMM:1.2e-08) |
| | cted_peptide_1_345_aa | |
| 16216 | ATL8C34524_GENSCAN_predi | hlh(HMM:1.3e-08) |
| | cted_peptide_1_171_aa | |
| 16217 | ATL8C3465_GENSCAN_predict | hlh(HMM:2.3e-12) |
| | ed_peptide_2_274_aa | |
| 16218 | ATL8C34864_GENSCAN_predi | hlh(HMM:0.0055) |
| | cted_peptide_1_96_aa | |
| 16219 | ATL8C35066_GENSCAN_predi | hlh(HMM:1.1e-07) |
| | cted_peptide_1_147_aa | |
| 16220 | ATL8C36210_GENSCAN_predi | hlh(HMM:6.1e-11) |
| | cted_peptide_1_472_aa | |
| 16221 | ATL8C37146_GENSCAN_predi | hlh(HMM:2.5e-08) |
| | cted_peptide_1_261_aa | |
| 16222 | ATL8C37877_GENSCAN_predi | hlh(HMM:2e-09) |
| | cted_peptide_1_179_aa | |
| 16223 | ATL8C40559_GENSCAN_predi | hlh(HMM:0.0071) |
| | cted_peptide_1_207_aa | |
| 16224 | ATL8C40991_GENSCAN_predi | hlh(HMM:5.1) |

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| 16225 | cted_peptide_1_145_aa ATL8C41999_GENSCAN_predi | hlh(HMM:0.0014) |
| 16226 | cted_peptide_1_152_aa ATL8C42474_GENSCAN_predi | hlh(HMM:5.1e-10) |
| 16227 | cted_peptide_2_155_aa ATL8C42741_GENSCAN_predi | hlh(HMM:8.1e-10) |
| 16228 | cted_peptide_1_280_aa ATL8C4401_GENSCAN_predict | hlh(HMM:1.1e-08) |
| 16229 | ed_peptide_1_177_aa ATL8C45545_GENSCAN_predi | hlh(HMM:2.4e-15) |
| 16230 | cted_peptide_1_491_aa ATL8C45714_GENSCAN_predi | hlh(HMM:0.0013) |
| 16231 | cted_peptide_1_177_aa ATL8C46265_GENSCAN_predi | hlh(HMM:2.3e-10) |
| 16232 | cted_peptide_1_418_aa ATL8C48286_GENSCAN_predi | hlh(HMM:4.1e-11) |
| 16233 | cted_peptide_1_268_aa ATL8C48443_GENSCAN_predi | hlh(HMM:3.8e-07) |
| 16234 | cted_peptide_1_390_aa ATL8C4859_GENSCAN_predict | hlh(HMM:7.3e-16) |
| 16235 | ed_peptide_1_614_aa ATL8C4950_GENSCAN_predict | hlh(HMM:0.042) |
| 16236 | ed_peptide_1_242_aa ATL8C49678_GENSCAN_predi | hlh(HMM:1.1e-14) |
| 16237 | cted_peptide_1_422_aa ATL8C49695_GENSCAN_predi | hlh(HMM:0.0047) |
| 16238 | cted_peptide_1_140_aa ATL8C5482_GENSCAN_predict | hlh(HMM:2e-15) |
| 16239 | ed_peptide_2_180_aa ATL8C7759_GENSCAN_predict | hlh(HMM:7.4e-14) |
| 16240 | ed_peptide_1_274_aa ATL8C8593_GENSCAN_predict | hlh(HMM:9.8e-16) |
| 16241 | ed_peptide_1_142_aa ATL8C9091_GENSCAN_predict | hlh(HMM:2.1e-08) |
| 16242 | ed_peptide_1_229_aa ATL8S10673_GENSCAN_predi | hlh(HMM:0.11) |
| 16243 | cted_peptide_1_63_aa ATL8S11241_GENSCAN_predi | hlh(HMM:0.0013) |
| 16244 | cted_peptide_1_132_aa ATL8S16763_GENSCAN_predi | hlh(HMM:3.1e-15) |
| 16245 | cted_peptide_1_153_aa ATL8S325_GENSCAN_predicte | hlh(HMM:5.2e-10) |
| 16246 | d_peptide_1_79_aa ATL8C16680_GENSCAN_predi | hlh_e2f(1.8e-21) |
| 16247 | cted_peptide_1_459_aa ATL8C2226_GENSCAN_predict | hlh_e2f(7.1e-09) |
| 16248 | ed_peptide_1_95_aa ATL8C15784_GENSCAN_predi | hmg_box(HMM:4.2e-14) |
| 16249 | cted_peptide_1_186_aa ATL8C19271_GENSCAN_predi | hmg_box(HMM:3.5e-09) |
| 16250 | cted_peptide_1_129_aa ATL8C29808_GENSCAN_predi | hmg_box(HMM:0.14) |
| 16251 | cted_peptide_1_76_aa ATL8C30090_GENSCAN_predi | hmg_box(HMM:4.3e-12) |

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| | cted_peptide_2_161_aa | |
| 16252 | ATL8C39954_GENSCAN_predi | hmg_box(HMM:5.5e-52) |
| | cted_peptide_1_353_aa | |
| 16253 | ATL8C4162_GENSCAN_predict | hmg_box(HMM:1.2e-30) |
| | ed_peptide_2_299_aa | |
| 16254 | ATL8C46030_GENSCAN_predi | hmg_box(HMM:1.2e-33) |
| | cted_peptide_1_524_aa | |
| 16255 | ATL8C862_GENSCAN_predicte | hmg_box(HMM:0.0009) |
| | d_peptide_1_159_aa | |
| 16256 | ATL8C9528_GENSCAN_predict | hmg_box(HMM:1.2e-23) |
| | ed_peptide_2_225_aa | |
| 16257 | ATL8C12400_GENSCAN_predi | homeobox(HMM:0.03) |
| | cted_peptide_1_148_aa | |
| 16258 | ATL8C13558_GENSCAN_predi | homeobox(HMM:9.3) |
| | cted_peptide_1_75_aa | |
| 16259 | ATL8C16087_GENSCAN_predi | homeobox(HMM:1.3e-19) |
| | cted_peptide_1_182_aa | |
| 16260 | ATL8C1641_GENSCAN_predict | homeobox(HMM:5.5e-07) |
| | ed_peptide_1_411_aa | |
| 16261 | ATL8C16579_GENSCAN_predi | homeobox(HMM:4.4e-16) |
| | cted_peptide_1_318_aa | |
| 16262 | ATL8C175_GENSCAN_predicte | homeobox(HMM:2e-07) |
| | d_peptide_1_77_aa | |
| 16263 | ATL8C18692_GENSCAN_predi | homeobox(HMM:7e-13) |
| | cted_peptide_1_82_aa | |
| 16264 | ATL8C22416_GENSCAN_predi | homeobox(HMM:8.1e-20) |
| | cted_peptide_2_137_aa | |
| 16265 | ATL8C23245_GENSCAN_predi | homeobox(HMM:3.2e-15) |
| | cted_peptide_1_235_aa | |
| 16266 | ATL8C2452_GENSCAN_predict | homeobox(HMM:7.7e-19) |
| | ed_peptide_1_256_aa | |
| 16267 | ATL8C24669_GENSCAN_predi | homeobox(HMM:0.015) |
| | cted_peptide_1_263_aa | |
| 16268 | ATL8C25086_GENSCAN_predi | homeobox(HMM:2.3e-17) |
| | cted_peptide_1_205_aa | |
| 16269 | ATL8C26051_GENSCAN_predi | homeobox(HMM:1.4e-07) |
| | cted_peptide_1_78_aa | |
| 16270 | ATL8C26566_GENSCAN_predi | homeobox(HMM:0.061) |
| | cted_peptide_1_131_aa | |
| 16271 | ATL8C26603_GENSCAN_predi | homeobox(HMM:7.5e-19) |
| | cted_peptide_1_156_aa | |
| 16272 | ATL8C32595_GENSCAN_predi | homeobox(HMM:1e-19) |
| | cted_peptide_1_351_aa | |
| 16273 | ATL8C33323_GENSCAN_predi | homeobox(HMM:6.5e-05) |
| | cted_peptide_1_279_aa | |
| 16274 | ATL8C36588_GENSCAN_predi | homeobox(HMM:1.2e-17) |
| | cted_peptide_2_258_aa | |
| 16275 | ATL8C37164_GENSCAN_predi | homeobox(HMM:3e-20) |
| | cted_peptide_1_236_aa | |
| 16276 | ATL8C37722_GENSCAN_predi | homeobox(HMM:0.019) |
| | cted_peptide_1_166_aa | |
| 16277 | ATL8C38809_GENSCAN_predi | homeobox(HMM:8.8e-19) |
| | cted_peptide_1_159_aa | |
| 16278 | ATL8C42322_GENSCAN_predi | homeobox(HMM:9.9e-06) |

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| 16279 | cted_peptide_1_116_aa ATL8C43913_GENSCAN_predi | homeobox(HMM:2.9e-16) |
| 16280 | cted_peptide_1_215_aa ATL8C44595_GENSCAN_predi | homeobox(HMM:4.2e-13) |
| 16281 | cted_peptide_1_288_aa ATL8C45830_GENSCAN_predi | homeobox(HMM:6.7e-20) |
| 16282 | cted_peptide_1_681_aa ATL8C47502_GENSCAN_predi | homeobox(HMM:0.00015) |
| 16283 | cted_peptide_1_40_aa ATL8C47873_GENSCAN_predi | homeobox(HMM:0.0031) |
| 16284 | cted_peptide_1_183_aa ATL8C4831_GENSCAN_predict | homeobox(HMM:4.7e-06) |
| 16285 | ed_peptide_1_356_aa ATL8C48864_GENSCAN_predi | homeobox(HMM:0.082) |
| 16286 | cted_peptide_1_275_aa ATL8C49288_GENSCAN_predi | homeobox(HMM:8.6e-21) |
| 16287 | cted_peptide_1_441_aa ATL8C6479_GENSCAN_predict | homeobox(HMM:3.2e-17) |
| 16288 | ed_peptide_1_233_aa ATL8C6499_GENSCAN_predict | homeobox(HMM:6.8e-09) |
| 16289 | ed_peptide_1_282_aa ATL8C8164_GENSCAN_predict | homeobox(HMM:3.8e-19) |
| 16290 | ed_peptide_1_243_aa ATL8C8866_GENSCAN_predict | homeobox(HMM:9e-20) |
| 16291 | ed_peptide_1_113_aa ATL8C9574_GENSCAN_predict | homeobox(HMM:8.7e-19) |
| 16292 | ed_peptide_1_248_aa ATL8C9652_GENSCAN_predict | homeobox(HMM:0.0037) |
| 16293 | ed_peptide_1_116_aa ATL8C9857_GENSCAN_predict | homeobox(HMM:8.3e-10) |
| 16294 | ed_peptide_1_163_aa ATL8S3119_GENSCAN_predict | homeobox(HMM:2e-19) |
| 16295 | ed_peptide_1_139_aa ATL8C11648_GENSCAN_predi | homeobox(HMM:0.79),homeobo |
| 16296 | cted_peptide_1_52_aa ATL8C21868_GENSCAN_predi | x_knox3(1.7e-12) homeobox(HMM:0.1),homeobox |
| 16297 | cted_peptide_1_99_aa ATL8C23768_GENSCAN_predi | _knox3(3.5e-07) homeobox(HMM:0.00011),homeo |
| 16298 | cted_peptide_1_526_aa ATL8C26459_GENSCAN_predi | obox_knox3(2.2e-10) homeobox(HMM:0.001),homeob |
| 16299 | cted_peptide_1_258_aa ATL8C45512_GENSCAN_predi | ox_knox3(2.6e-09) homeobox(HMM:0.0008),homeo |
| 16300 | cted_peptide_1_680_aa ATL8C48577_GENSCAN_predi | box_knox3(1.5e-09) homeobox(HMM:0.0029),homeo |
| 16301 | cted_peptide_1_192_aa ATL8C50117_GENSCAN_predi | box_knox3(1.7e-06) homeobox(HMM:0.42),homeobo |
| 16302 | cted_peptide_1_76_aa ATL8C11646_GENSCAN_predi | x_knox3(5.3e-06) homeobox_knox3(1.7e-11) |
| 16303 | cted_peptide_1_298_aa ATL8C24225_GENSCAN_predi | homeobox_knox3(5.9e-12) |
| 16304 | cted_peptide_1_187_aa ATL8C47661_GENSCAN_predi | homeobox_knox3(6.2e-16) |
| 16305 | cted_peptide_1_185_aa ATL8C6026_GENSCAN_predict | homeobox_knox3(2.0e-05) |

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| 16306 | ed_peptide_1_74_aa ATL8C16575_GENSCAN_predi | hsf_dna-bind(HMM:2.8e-15) |
| 16307 | cted_peptide_1_51_aa ATL8C17036_GENSCAN_predi | hsf_dna-bind(HMM:7.9) |
| 16308 | cted_peptide_1_85_aa ATL8C17709_GENSCAN_predi | hsf_dna-bind(HMM:0.0082) |
| 16309 | cted_peptide_1_220_aa ATL8C27659_GENSCAN_predi | hsf_dna-bind(HMM:1.1e-07) |
| 16310 | cted_peptide_1_82_aa ATL8C31854_GENSCAN_predi | hsf_dna-bind(HMM:4.4e-05) |
| 16311 | cted_peptide_1_273_aa ATL8C32229_GENSCAN_predi | hsf_dna-bind(HMM:4.3e-99) |
| 16312 | cted_peptide_2_476_aa ATL8C34329_GENSCAN_predi | hsf_dna-bind(HMM:0.0014) |
| 16313 | cted_peptide_1_202_aa ATL8C35490_GENSCAN_predi | hsf_dna-bind(HMM:0.0015) |
| 16314 | cted_peptide_1_115_aa ATL8C36029_GENSCAN_predi | hsf_dna-bind(HMM:3.4e-05) |
| 16315 | cted_peptide_1_130_aa ATL8C36103_GENSCAN_predi | hsf_dna-bind(HMM:9.7e-10) |
| 16316 | cted_peptide_1_448_aa ATL8C36464_GENSCAN_predi | hsf_dna-bind(HMM:3.9e-05) |
| 16317 | cted_peptide_1_92_aa ATL8C37494_GENSCAN_predi | hsf_dna-bind(HMM:1.9e-58) |
| 16318 | cted_peptide_1_272_aa ATL8C3993_GENSCAN_predict | hsf_dna-bind(HMM:0.00015) |
| 16319 | ed_peptide_1_211_aa ATL8C4150_GENSCAN_predict | hsf_dna-bind(HMM:0.0017) |
| 16320 | ed_peptide_1_105_aa ATL8C435_GENSCAN_predicte | hsf_dna-bind(HMM:2.6e-16) |
| 16321 | d_peptide_2_412_aa ATL8C44080_GENSCAN_predi | hsf_dna-bind(HMM:1.3e-57) |
| 16322 | cted_peptide_2_282_aa ATL8C48561_GENSCAN_predi | hsf_dna-bind(HMM:3.1e-60) |
| 16323 | cted_peptide_1_251_aa ATL8S13994_GENSCAN_predi | hsf_dna-bind(HMM:6.6e-06) |
| 16324 | cted_peptide_1_92_aa ATL8S26157_GENSCAN_predi | hsf_dna-bind(HMM:6.3e-08) |
| 16325 | cted_peptide_1_70_aa ATL8S30637_GENSCAN_predi | hsf_dna-bind(HMM:0.0021) |
| 16326 | cted_peptide_1_72_aa ATL8C12290_GENSCAN_predi | iaa(HMM:1.2e-61) |
| 16327 | cted_peptide_1_216_aa ATL8C13298_GENSCAN_predi | iaa(HMM:3.1e-22) |
| 16328 | cted_peptide_1_128_aa ATL8C15121_GENSCAN_predi | iaa(HMM:5.8e-09) |
| 16329 | cted_peptide_1_96_aa ATL8C17000_GENSCAN_predi | iaa(HMM:2e-47) |
| 16330 | cted_peptide_1_206_aa ATL8C19754_GENSCAN_predi | iaa(HMM:0.16) |
| 16331 | cted_peptide_1_517_aa ATL8C24242_GENSCAN_predi | iaa(HMM:8.5e-23) |
| 16332 | cted_peptide_2_392_aa ATL8C2460_GENSCAN_predict | iaa(HMM:2.5e-56) |

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| 16333 | ed_peptide_1_246_aa ATL8C27104_GENSCAN_predi | iaa(HMM:5.3e-23) |
| 16334 | cted_peptide_2_80_aa ATL8C28897_GENSCAN_predi | iaa(HMM:0.13) |
| 16335 | cted_peptide_1_94_aa ATL8C33382_GENSCAN_predi | iaa(HMM:1.4e-15) |
| 16336 | cted_peptide_1_174_aa ATL8C37213_GENSCAN_predi | iaa(HMM:0.002) |
| 16337 | cted_peptide_1_224_aa ATL8C37803_GENSCAN_predi | iaa(HMM:1e-59) |
| 16338 | cted_peptide_1_141_aa ATL8C38316_GENSCAN_predi | iaa(HMM:0.004) |
| 16339 | cted_peptide_1_137_aa ATL8C39087_GENSCAN_predi | iaa(HMM:9.8e-37) |
| 16340 | cted_peptide_1_178_aa ATL8C40471_GENSCAN_predi | iaa(HMM:6.2e-40) |
| 16341 | cted_peptide_1_131_aa ATL8C42890_GENSCAN_predi | iaa(HMM:1.6) |
| 16342 | cted_peptide_1_84_aa ATL8C45997_GENSCAN_predi | iaa(HMM:1.4e-19) |
| 16343 | cted_peptide_1_92_aa ATL8C475_GENSCAN_predicte | iaa(HMM:1.5e-51) |
| 16344 | d_peptide_1_109_aa ATL8C48876_GENSCAN_predi | iaa(HMM:5.5e-25) |
| 16345 | cted_peptide_1_157_aa ATL8C49064_GENSCAN_predi | iaa(HMM:9.8e-57) |
| 16346 | cted_peptide_1_130_aa ATL8C49366_GENSCAN_predi | iaa(HMM:1.9e-58) |
| 16347 | cted_peptide_1_226_aa ATL8C531_GENSCAN_predicte | iaa(HMM:6.9e-44) |
| 16348 | d_peptide_1_230_aa ATL8C5726_GENSCAN_predict | iaa(HMM:5.5e-65) |
| 16349 | ed_peptide_1_229_aa ATL8C9338_GENSCAN_predict | iaa(HMM:7.2e-05) |
| 16350 | ed_peptide_1_183_aa ATL8C9656_GENSCAN_predict | iaa(HMM:7.8e-05) |
| 16351 | ed_peptide_1_124_aa ATL8C9898_GENSCAN_predict | iaa(HMM:6.3e-13) |
| 16352 | ed_peptide_1_78_aa ATL8S23269_GENSCAN_predi | iaa(HMM:5.6e-05) |
| 16353 | cted_peptide_1_70_aa ATL8S3064_GENSCAN_predict | iaa(HMM:1.6e-08) |
| 16354 | ed_peptide_1_95_aa ATL8S92_GENSCAN_predicted | iaa(HMM:1.1e-37) |
| 16355 | _peptide_1_107_aa ATL8C10971_GENSCAN_predi | ibr(HMM:0.011) |
| 16356 | cted_peptide_1_1050_aa ATL8C17658_GENSCAN_predi | ibr(HMM:1e-06) |
| 16357 | cted_peptide_1_370_aa ATL8C18646_GENSCAN_predi | ibr(HMM:0.00012) |
| 16358 | cted_peptide_1_353_aa ATL8C18647_GENSCAN_predi | ibr(HMM:0.0033) |
| 16359 | cted_peptide_1_205_aa ATL8C24321_GENSCAN_predi | ibr(HMM:1.3e-12) |

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| | cted_peptide_1_207_aa | |
| 16360 | ATL8C3206_GENSCAN_predict | ibr(HMM:0.056) |
| | ed_peptide_1_967_aa | |
| 16361 | ATL8C36736_GENSCAN_predi | ibr(HMM:8.9e-11) |
| | cted_peptide_1_197_aa | |
| 16362 | ATL8C36738_GENSCAN_predi | ibr(HMM:0.15) |
| | cted_peptide_1_122_aa | |
| 16363 | ATL8C45104_GENSCAN_predi | ibr(HMM:0.0063) |
| | cted_peptide_1_864_aa | |
| 16364 | ATL8C49330_GENSCAN_predi | ibr(HMM:0.21) |
| | cted_peptide_1_105_aa | |
| 16365 | ATL8C7139_GENSCAN_predict | ibr(HMM:9.1e-13) |
| | ed_peptide_1_536_aa | |
| 16366 | ATL8C7202_GENSCAN_predict | ibr(HMM:1.6e-23) |
| | ed_peptide_1_296_aa | |
| 16367 | ATL8C8167_GENSCAN_predict | ibr(HMM:0.014) |
| | ed_peptide_1_264_aa | |
| 16368 | ATL8S16524_GENSCAN_predi | ibr(HMM:0.32) |
| | cted_peptide_1_116_aa | |
| 16369 | ATL8C10755_GENSCAN_predi | ibr(HMM:0.0024),zf- |
| | cted_peptide_1_258_aa | c3hc4(HMM:0.00056) |
| 16370 | ATL8C17660_GENSCAN_predi | ibr(HMM:2.4e-07),zf- |
| | cted_peptide_1_295_aa | c3hc4(HMM:0.0055) |
| 16371 | ATL8C18296_GENSCAN_predi | ibr(HMM:0.0049),zf- |
| | cted_peptide_1_506_aa | c3hc4(HMM:0.0032) |
| 16372 | ATL8C23833_GENSCAN_predi | ibr(HMM:1.8e-11),zf- |
| | cted_peptide_1_301_aa | c3hc4(HMM:0.016) |
| 16373 | ATL8C39564_GENSCAN_predi | ibr(HMM:3.3e-12),zf- |
| | cted_peptide_1_270_aa | c3hc4(HMM:0.0089) |
| 16374 | ATL8C49329_GENSCAN_predi | ibr(HMM:0.66),zf- |
| | cted_peptide_1_291_aa | c3hc4(HMM:0.0025) |
| 16375 | ATL8C49905_GENSCAN_predi | ibr(HMM:0.0037),zf- |
| | cted_peptide_1_397_aa | c3hc4(HMM:0.034) |
| 16376 | ATL8C11636_GENSCAN_predi | k-box(HMM:5.7e-09) |
| | cted_peptide_1_94_aa | |
| 16377 | ATL8C13811_GENSCAN_predi | k-box(HMM:3.2e-11) |
| | cted_peptide_1_32_aa | |
| 16378 | ATL8C17232_GENSCAN_predi | k-box(HMM:0.0081) |
| | cted_peptide_2_639_aa | |
| 16379 | ATL8C19195_GENSCAN_predi | k-box(HMM:0.0081) |
| | cted_peptide_1_982_aa | |
| 16380 | ATL8C25177_GENSCAN_predi | k-box(HMM:4.1e-05) |
| | cted_peptide_1_97_aa | |
| 16381 | ATL8C27745_GENSCAN_predi | k-box(HMM:3.6e-07) |
| | cted_peptide_1_122_aa | |
| 16382 | ATL8C2821_GENSCAN_predict | k-box(HMM:8e-05) |
| | ed_peptide_1_48_aa | |
| 16383 | ATL8C32388_GENSCAN_predi | k-box(HMM:0.0081) |
| | cted_peptide_2_547_aa | |
| 16384 | ATL8C34405_GENSCAN_predi | k-box(HMM:6.3) |
| | cted_peptide_1_52_aa | |
| 16385 | ATL8C34848_GENSCAN_predi | k-box(HMM:0.0081) |
| | cted_peptide_1_142_aa | |
| 16386 | ATL8C35672_GENSCAN_predi | k-box(HMM:2.1e-06) |

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| 16387 | cted_peptide_1_34_aa ATL8C3613_GENSCAN_predict | k-box(HMM:0.3) |
| 16388 | ed_peptide_1_69_aa ATL8C37353_GENSCAN_predi | k-box(HMM:0.045) |
| 16389 | cted_peptide_1_83_aa ATL8C40586_GENSCAN_predi | k-box(HMM:0.0048) |
| 16390 | cted_peptide_1_95_aa ATL8C42179_GENSCAN_predi | k-box(HMM:0.0013) |
| 16391 | cted_peptide_1_125_aa ATL8C4386_GENSCAN_predict | k-box(HMM:7.7e-37) |
| 16392 | ed_peptide_1_109_aa ATL8C49938_GENSCAN_predi | k-box(HMM:5.9e-18) |
| 16393 | cted_peptide_1_137_aa ATL8C7525_GENSCAN_predict | k-box(HMM:0.88) |
| 16394 | ed_peptide_1_104_aa ATL8S10546_GENSCAN_predi | k-box(HMM:0.0002) |
| 16395 | cted_peptide_1_37_aa ATL8S14682_GENSCAN_predi | k-box(HMM:9.1) |
| 16396 | cted_peptide_1_48_aa ATL8S28525_GENSCAN_predi | k-box(HMM:0.0053) |
| 16397 | cted_peptide_1_81_aa ATL8S3217_GENSCAN_predict | k-box(HMM:7.7e-14) |
| 16398 | ed_peptide_1_38_aa ATL8C13925_GENSCAN_predi | k-box(HMM:0.0061),srf- |
| 16399 | cted_peptide_1_85_aa ATL8C20604_GENSCAN_predi | tf(HMM:1.9e-34) k-box(HMM:1.3e-40),srf- |
| 16400 | cted_peptide_1_223_aa ATL8C43226_GENSCAN_predi | tf(HMM:1.7e-05) k-box(HMM:9.4e-10),srf- |
| 16401 | cted_peptide_4_138_aa ATL8C16033_GENSCAN_predi | tf(HMM:4.9e-38) lim(HMM:3e-30) |
| 16402 | cted_peptide_2_224_aa ATL8C23724_GENSCAN_predi | lim(HMM:4.5e-06) |
| 16403 | cted_peptide_1_317_aa ATL8C31212_GENSCAN_predi | lim(HMM:5.7e-05) |
| 16404 | cted_peptide_1_368_aa ATL8C35722_GENSCAN_predi | lim(HMM:0.0001) |
| 16405 | cted_peptide_1_231_aa ATL8C37545_GENSCAN_predi | lim(HMM:1.7) |
| 16406 | cted_peptide_1_45_aa ATL8S16599_GENSCAN_predi | lim(HMM:7.7e-17) |
| 16407 | cted_peptide_1_127_aa ATL8S7203_GENSCAN_predict | lim(HMM:0.04) |
| 16408 | ed_peptide_1_99_aa ATL8C10433_GENSCAN_predi | linker_histone(HMM:0.0001) |
| 16409 | cted_peptide_1_235_aa ATL8C14332_GENSCAN_predi | linker_histone(HMM:0.61) |
| 16410 | cted_peptide_1_250_aa ATL8C29697_GENSCAN_predi | linker_histone(HMM:2.8e-21) |
| 16411 | cted_peptide_1_317_aa ATL8C4587_GENSCAN_predict | linker_histone(HMM:3.7e-28) |
| 16412 | ed_peptide_1_104_aa ATL8C49501_GENSCAN_predi | linker_histone(HMM:8.6e-06) |
| 16413 | cted_peptide_3_178_aa ATL8C6950_GENSCAN_predict | linker_histone(HMM:0.00016) |

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| 16414 | ed_peptide_1_182_aa ATL8S5329_GENSCAN_predict | linker_histone(HMM:1.5) |
| 16415 | ed_peptide_1_62_aa ATL8C47484_GENSCAN_predi | linker_histone(HMM:0.00085),m |
| 16416 | cted_peptide_1_373_aa ATL8C1007_GENSCAN_predict | yb_dna-binding(HMM:0.00022) |
| 16417 | ed_peptide_1_72_aa ATL8C10213_GENSCAN_predi | myb_dna-binding(HMM:0.00037) |
| 16418 | cted_peptide_1_252_aa ATL8C10265_GENSCAN_predi | myb_dna-binding(HMM:5.3) |
| 16419 | cted_peptide_1_274_aa ATL8C10750_GENSCAN_predi | myb_dna-binding(HMM:0.0019) |
| 16420 | cted_peptide_1_333_aa ATL8C10848_GENSCAN_predi | myb_dna-binding(HMM:6.6e-43) |
| 16421 | cted_peptide_1_230_aa ATL8C11379_GENSCAN_predi | myb_dna-binding(HMM:2.7) |
| 16422 | cted_peptide_1_289_aa ATL8C11448_GENSCAN_predi | myb_dna-binding(HMM:3.9e-45) |
| 16423 | cted_peptide_1_271_aa ATL8C1166_GENSCAN_predict | myb_dna-binding(HMM:0.001) |
| 16424 | ed_peptide_1_106_aa ATL8C11682_GENSCAN_predi | myb_dna-binding(HMM:2.1e-20) |
| 16425 | cted_peptide_1_309_aa ATL8C11722_GENSCAN_predi | myb_dna-binding(HMM:2.7e-44) |
| 16426 | cted_peptide_1_323_aa ATL8C12259_GENSCAN_predi | myb_dna-binding(HMM:0.013) |
| 16427 | cted_peptide_1_561_aa ATL8C12499_GENSCAN_predi | myb_dna-binding(HMM:3.8e-41) |
| 16428 | cted_peptide_1_149_aa ATL8C12546_GENSCAN_predi | myb_dna-binding(HMM:4.6e-05) |
| 16429 | cted_peptide_1_172_aa ATL8C12591_GENSCAN_predi | myb_dna-binding(HMM:0.095) |
| 16430 | cted_peptide_1_248_aa ATL8C12806_GENSCAN_predi | myb_dna-binding(HMM:1.1e-40) |
| 16431 | cted_peptide_1_122_aa ATL8C13084_GENSCAN_predi | myb_dna-binding(HMM:1.3) |
| 16432 | cted_peptide_1_317_aa ATL8C13206_GENSCAN_predi | myb_dna-binding(HMM:3.3e-21) |
| 16433 | cted_peptide_1_45_aa ATL8C13569_GENSCAN_predi | myb_dna-binding(HMM:0.063) |
| 16434 | cted_peptide_1_140_aa ATL8C14092_GENSCAN_predi | myb_dna-binding(HMM:0.04) |
| 16435 | cted_peptide_1_163_aa ATL8C14422_GENSCAN_predi | myb_dna-binding(HMM:2.1e-43) |
| 16436 | cted_peptide_2_457_aa ATL8C14575_GENSCAN_predi | myb_dna-binding(HMM:5.8e-44) |
| 16437 | cted_peptide_1_175_aa ATL8C14828_GENSCAN_predi | myb_dna-binding(HMM:0.71) |
| 16438 | cted_peptide_1_167_aa ATL8C15651_GENSCAN_predi | myb_dna-binding(HMM:8.9e-33) |
| 16439 | cted_peptide_1_67_aa ATL8C16988_GENSCAN_predi | myb_dna-binding(HMM:8.5) |
| 16440 | cted_peptide_1_59_aa ATL8C16996_GENSCAN_predi | myb_dna-binding(HMM:0.014) |
| | | myb_dna-binding(HMM:1.3e-17) |

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| 16441 | cted_peptide_1_327_aa ATL8C17365_GENSCAN_predi | myb_dna-binding(HMM:1.2e-21) |
| 16442 | cted_peptide_1_261_aa ATL8C1886_GENSCAN_predict | myb_dna-binding(HMM:0.059) |
| 16443 | ed_peptide_1_94_aa ATL8C19355_GENSCAN_predi | myb_dna-binding(HMM:7.5) |
| 16444 | cted_peptide_1_85_aa ATL8C19955_GENSCAN_predi | myb_dna-binding(HMM:2.7e-06) |
| 16445 | cted_peptide_1_209_aa ATL8C20131_GENSCAN_predi | myb_dna-binding(HMM:6.5e-08) |
| 16446 | cted_peptide_1_187_aa ATL8C20850_GENSCAN_predi | myb_dna-binding(HMM:6.4e-47) |
| 16447 | cted_peptide_2_345_aa ATL8C20870_GENSCAN_predi | myb_dna-binding(HMM:3.2e-18) |
| 16448 | cted_peptide_1_185_aa ATL8C20873_GENSCAN_predi | myb_dna-binding(HMM:0.0044) |
| 16449 | cted_peptide_1_259_aa ATL8C21218_GENSCAN_predi | myb_dna-binding(HMM:9.7e-36) |
| 16450 | cted_peptide_1_296_aa ATL8C21373_GENSCAN_predi | myb_dna-binding(HMM:1.1e-05) |
| 16451 | cted_peptide_1_77_aa ATL8C2154_GENSCAN_predict | myb_dna-binding(HMM:6.3e-33) |
| 16452 | ed_peptide_1_248_aa ATL8C22500_GENSCAN_predi | myb_dna-binding(HMM:8.2e-37) |
| 16453 | cted_peptide_1_162_aa ATL8C23303_GENSCAN_predi | myb_dna-binding(HMM:0.014) |
| 16454 | cted_peptide_1_150_aa ATL8C23637_GENSCAN_predi | myb_dna-binding(HMM:2.6e-43) |
| 16455 | cted_peptide_1_274_aa ATL8C24749_GENSCAN_predi | myb_dna-binding(HMM:1.9e-40) |
| 16456 | cted_peptide_1_429_aa ATL8C25076_GENSCAN_predi | myb_dna-binding(HMM:4.2e-15) |
| 16457 | cted_peptide_1_236_aa ATL8C25119_GENSCAN_predi | myb_dna-binding(HMM:4e-17) |
| 16458 | cted_peptide_1_79_aa ATL8C25162_GENSCAN_predi | myb_dna-binding(HMM:3e-05) |
| 16459 | cted_peptide_1_33_aa ATL8C25164_GENSCAN_predi | myb_dna-binding(HMM:1.1e-46) |
| 16460 | cted_peptide_1_236_aa ATL8C25167_GENSCAN_predi | myb_dna-binding(HMM:1.8e-41) |
| 16461 | cted_peptide_1_425_aa ATL8C25215_GENSCAN_predi | myb_dna-binding(HMM:0.019) |
| 16462 | cted_peptide_1_65_aa ATL8C25797_GENSCAN_predi | myb_dna-binding(HMM:6.8e-24) |
| 16463 | cted_peptide_1_126_aa ATL8C26052_GENSCAN_predi | myb_dna-binding(HMM:1.9e-05) |
| 16464 | cted_peptide_1_94_aa ATL8C26250_GENSCAN_predi | myb_dna-binding(HMM:0.0098) |
| 16465 | cted_peptide_1_356_aa ATL8C26447_GENSCAN_predi | myb_dna-binding(HMM:6.5e-08) |
| 16466 | cted_peptide_1_303_aa ATL8C27559_GENSCAN_predi | myb_dna-binding(HMM:0.00097) |
| 16467 | cted_peptide_1_212_aa ATL8C2778_GENSCAN_predict | myb_dna-binding(HMM:2.9) |

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| 16468 | ed_peptide_2_186_aa ATL8C2848_GENSCAN_predict | myb_dna-binding(HMM:0.043) |
| 16469 | ed_peptide_1_138_aa ATL8C2890_GENSCAN_predict | myb_dna-binding(HMM:3e-36) |
| 16470 | ed_peptide_1_283_aa ATL8C29503_GENSCAN_predi | myb_dna- |
| 16471 | cted_peptide_2_183_aa ATL8C30443_GENSCAN_predi | binding(HMM:0.00034) |
| 16472 | cted_peptide_1_617_aa ATL8C32082_GENSCAN_predi | myb_dna-binding(HMM:5.4e-07) |
| 16473 | cted_peptide_1_203_aa ATL8C33345_GENSCAN_predi | myb_dna-binding(HMM:2.2e-43) |
| 16474 | cted_peptide_1_295_aa ATL8C33602_GENSCAN_predi | myb_dna-binding(HMM:1.1e-30) |
| 16475 | cted_peptide_1_47_aa ATL8C34226_GENSCAN_predi | myb_dna-binding(HMM:0.2) |
| 16476 | cted_peptide_1_254_aa ATL8C3458_GENSCAN_predict | myb_dna-binding(HMM:2.3e-37) |
| 16477 | ed_peptide_1_50_aa ATL8C36124_GENSCAN_predi | myb_dna-binding(HMM:0.026) |
| 16478 | cted_peptide_1_78_aa ATL8C36203_GENSCAN_predi | myb_dna-binding(HMM:0.53) |
| 16479 | cted_peptide_1_1145_aa ATL8C36649_GENSCAN_predi | myb_dna-binding(HMM:0.078) |
| 16480 | cted_peptide_1_157_aa ATL8C36932_GENSCAN_predi | myb_dna-binding(HMM:4.9e-19) |
| 16481 | cted_peptide_1_305_aa ATL8C37133_GENSCAN_predi | myb_dna-binding(HMM:1.1e-42) |
| 16482 | cted_peptide_1_186_aa ATL8C37330_GENSCAN_predi | myb_dna-binding(HMM:9.3e-43) |
| 16483 | cted_peptide_1_234_aa ATL8C3742_GENSCAN_predict | myb_dna-binding(HMM:0.0003) |
| 16484 | ed_peptide_1_653_aa ATL8C37658_GENSCAN_predi | myb_dna-binding(HMM:5.5e-33) |
| 16485 | cted_peptide_1_204_aa ATL8C38232_GENSCAN_predi | myb_dna-binding(HMM:0.5) |
| 16486 | cted_peptide_1_60_aa ATL8C38992_GENSCAN_predi | myb_dna-binding(HMM:0.009) |
| 16487 | cted_peptide_1_101_aa ATL8C39077_GENSCAN_predi | myb_dna-binding(HMM:2.1e-21) |
| 16488 | cted_peptide_1_134_aa ATL8C39116_GENSCAN_predi | myb_dna-binding(HMM:5.4e-26) |
| 16489 | cted_peptide_1_211_aa ATL8C39762_GENSCAN_predi | myb_dna-binding(HMM:2.1) |
| 16490 | cted_peptide_1_254_aa ATL8C41654_GENSCAN_predi | myb_dna-binding(HMM:0.07) |
| 16491 | cted_peptide_1_62_aa ATL8C42210_GENSCAN_predi | myb_dna-binding(HMM:1.5e-05) |
| 16492 | cted_peptide_1_63_aa ATL8C4340_GENSCAN_predict | myb_dna- |
| 16493 | ed_peptide_1_272_aa ATL8C43769_GENSCAN_predi | binding(HMM:0.00019) |
| 16494 | cted_peptide_1_76_aa ATL8C44356_GENSCAN_predi | myb_dna-binding(HMM:2.9e-12) |
| | | myb_dna-binding(HMM:2.9) |
| | | myb_dna-binding(HMM:5.6e-08) |

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| 16495 | cted_peptide_1_266_aa ATL8C45778_GENSCAN_predi | myb_dna-binding(HMM:1.3e-12) |
| 16496 | cted_peptide_2_748_aa ATL8C4615_GENSCAN_predict | myb_dna-binding(HMM:0.02) |
| 16497 | ed_peptide_1_95_aa ATL8C46235_GENSCAN_predi | myb_dna-binding(HMM:2.3e-11) |
| 16498 | cted_peptide_1_174_aa ATL8C46511_GENSCAN_predi | myb_dna-binding(HMM:0.00028) |
| 16499 | cted_peptide_1_110_aa ATL8C47751_GENSCAN_predi | myb_dna-binding(HMM:5.2e-05) |
| 16500 | cted_peptide_1_118_aa ATL8C47938_GENSCAN_predi | myb_dna-binding(HMM:3.9e-20) |
| 16501 | cted_peptide_1_112_aa ATL8C48114_GENSCAN_predi | myb_dna-binding(HMM:2.7e-16) |
| 16502 | cted_peptide_1_223_aa ATL8C48407_GENSCAN_predi | myb_dna-binding(HMM:2.3e-37) |
| 16503 | cted_peptide_2_238_aa ATL8C49537_GENSCAN_predi | myb_dna-binding(HMM:0.0003) |
| 16504 | cted_peptide_1_69_aa ATL8C49781_GENSCAN_predi | myb_dna-binding(HMM:1.7e-12) |
| 16505 | cted_peptide_3_414_aa ATL8C50055_GENSCAN_predi | myb_dna-binding(HMM:3e-37) |
| 16506 | cted_peptide_1_250_aa ATL8C50215_GENSCAN_predi | myb_dna-binding(HMM:2.2e-15) |
| 16507 | cted_peptide_1_97_aa ATL8C5912_GENSCAN_predict | myb_dna-binding(HMM:3.2e-20) |
| 16508 | ed_peptide_1_642_aa ATL8C6051_GENSCAN_predict | myb_dna-binding(HMM:3.1) |
| 16509 | ed_peptide_1_233_aa ATL8C6114_GENSCAN_predict | myb_dna-binding(HMM:9.8e-30) |
| 16510 | ed_peptide_1_246_aa ATL8C6614_GENSCAN_predict | myb_dna-binding(HMM:1.6e-11) |
| 16511 | ed_peptide_1_182_aa ATL8C7057_GENSCAN_predict | myb_dna-binding(HMM:3.7e-05) |
| 16512 | ed_peptide_1_80_aa ATL8C7735_GENSCAN_predict | myb_dna-binding(HMM:1.5) |
| 16513 | ed_peptide_1_187_aa ATL8C8027_GENSCAN_predict | myb_dna-binding(HMM:7.3e-19) |
| 16514 | ed_peptide_1_185_aa ATL8C8028_GENSCAN_predict | myb_dna-binding(HMM:2.3e-39) |
| 16515 | ed_peptide_1_134_aa ATL8C8719_GENSCAN_predict | myb_dna-binding(HMM:1.4e-19) |
| 16516 | ed_peptide_1_215_aa ATL8C9628_GENSCAN_predict | myb_dna-binding(HMM:9.9e-42) |
| 16517 | ed_peptide_1_214_aa ATL8C9845_GENSCAN_predict | myb_dna-binding(HMM:3.9e-46) |
| 16518 | ed_peptide_1_323_aa ATL8S18021_GENSCAN_predi | myb_dna-binding(HMM:0.28) |
| 16519 | cted_peptide_1_50_aa ATL8S20900_GENSCAN_predi | myb_dna-binding(HMM:0.0016) |
| 16520 | cted_peptide_1_107_aa ATL8S22259_GENSCAN_predi | myb_dna-binding(HMM:0.33) |
| 16521 | cted_peptide_1_127_aa ATL8S22482_GENSCAN_predi | myb_dna-binding(HMM:0.14) |

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| 16522 | cted_peptide_1_45_aa ATL8S22907_GENSCAN_predi | myb_dna-binding(HMM:0.071) |
| 16523 | cted_peptide_1_47_aa ATL8S2385_GENSCAN_predict | myb_dna-binding(HMM:1.7e-23) |
| 16524 | ed_peptide_1_88_aa ATL8S30788_GENSCAN_predi | myb_dna-binding(HMM:1.4e-20) |
| 16525 | cted_peptide_1_89_aa ATL8S5841_GENSCAN_predict | myb_dna-binding(HMM:1.3e-20) |
| 16526 | ed_peptide_1_106_aa ATL8S6499_GENSCAN_predict | myb_dna-binding(HMM:8.6e-05) |
| 16527 | ed_peptide_1_43_aa ATL8C15935_GENSCAN_predi | myb_dna-binding(HMM:0.087),snf2_n(HMM:3.6e-130) |
| 16528 | cted_peptide_1_1500_aa ATL8C23918_GENSCAN_predi | myb_dna-binding(HMM:0.023),zz(HMM:4.7e-15) |
| 16529 | cted_peptide_2_624_aa ATL8C10441_GENSCAN_predi | nam(HMM:2.1e-80) |
| 16530 | cted_peptide_2_295_aa ATL8C10790_GENSCAN_predi | nam(HMM:1.3e-09) |
| 16531 | cted_peptide_1_96_aa ATL8C11832_GENSCAN_predi | nam(HMM:0.00025) |
| 16532 | cted_peptide_1_111_aa ATL8C12042_GENSCAN_predi | nam(HMM:9.8e-52) |
| 16533 | cted_peptide_1_210_aa ATL8C12237_GENSCAN_predi | nam(HMM:7.4e-85) |
| 16534 | cted_peptide_1_335_aa ATL8C13052_GENSCAN_predi | nam(HMM:1e-80) |
| 16535 | cted_peptide_1_564_aa ATL8C1339_GENSCAN_predict | nam(HMM:6.2e-71) |
| 16536 | ed_peptide_1_214_aa ATL8C14546_GENSCAN_predi | nam(HMM:8.4e-85) |
| 16537 | cted_peptide_1_138_aa ATL8C15263_GENSCAN_predi | nam(HMM:6.9e-08) |
| 16538 | cted_peptide_1_57_aa ATL8C17647_GENSCAN_predi | nam(HMM:7.9e-24) |
| 16539 | cted_peptide_1_121_aa ATL8C18658_GENSCAN_predi | nam(HMM:1.2e-09) |
| 16540 | cted_peptide_1_28_aa ATL8C1913_GENSCAN_predict | nam(HMM:1e-31) |
| 16541 | ed_peptide_1_93_aa ATL8C1923_GENSCAN_predict | nam(HMM:3.3e-31) |
| 16542 | ed_peptide_1_103_aa ATL8C19901_GENSCAN_predi | nam(HMM:1.9e-29) |
| 16543 | cted_peptide_1_296_aa ATL8C1998_GENSCAN_predict | nam(HMM:0.0038) |
| 16544 | ed_peptide_1_52_aa ATL8C21290_GENSCAN_predi | nam(HMM:0.0024) |
| 16545 | cted_peptide_1_83_aa ATL8C22516_GENSCAN_predi | nam(HMM:9.7e-05) |
| 16546 | cted_peptide_1_56_aa ATL8C25111_GENSCAN_predi | nam(HMM:9.6e-88) |
| 16547 | cted_peptide_1_247_aa ATL8C25120_GENSCAN_predi | nam(HMM:0.00014) |

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| 16548 | cted_peptide_1_53_aa ATL8C26187_GENSCAN_predi | nam(HMM:8.8e-41) |
| 16549 | cted_peptide_1_111_aa ATL8C26272_GENSCAN_predi | nam(HMM:3.8e-06) |
| 16550 | cted_peptide_1_287_aa ATL8C26489_GENSCAN_predi | nam(HMM:2.9e-83) |
| 16551 | cted_peptide_1_316_aa ATL8C26491_GENSCAN_predi | nam(HMM:1.2e-82) |
| 16552 | cted_peptide_1_340_aa ATL8C26500_GENSCAN_predi | nam(HMM:2.6e-26) |
| 16553 | cted_peptide_1_237_aa ATL8C2716_GENSCAN_predict | nam(HMM:2.1e-09) |
| 16554 | ed_peptide_1_132_aa ATL8C29211_GENSCAN_predi | nam(HMM:5.5e-06) |
| 16555 | cted_peptide_1_27_aa ATL8C2932_GENSCAN_predict | nam(HMM:5.5e-09) |
| 16556 | ed_peptide_1_200_aa ATL8C30268_GENSCAN_predi | nam(HMM:1) |
| 16557 | cted_peptide_1_70_aa ATL8C3041_GENSCAN_predict | nam(HMM:1.9e-30) |
| 16558 | ed_peptide_1_95_aa ATL8C309_GENSCAN_predicte | nam(HMM:0.00022) |
| 16559 | d_peptide_1_44_aa ATL8C33132_GENSCAN_predi | nam(HMM:1.2e-25) |
| 16560 | cted_peptide_1_155_aa ATL8C34178_GENSCAN_predi | nam(HMM:9.1e-06) |
| 16561 | cted_peptide_1_85_aa ATL8C34510_GENSCAN_predi | nam(HMM:0.0097) |
| 16562 | cted_peptide_1_54_aa ATL8C35471_GENSCAN_predi | nam(HMM:5e-24) |
| 16563 | cted_peptide_1_219_aa ATL8C37439_GENSCAN_predi | nam(HMM:2.6e-09) |
| 16564 | cted_peptide_1_324_aa ATL8C37505_GENSCAN_predi | nam(HMM:1.9e-66) |
| 16565 | cted_peptide_1_371_aa ATL8C3809_GENSCAN_predict | nam(HMM:3.9e-22) |
| 16566 | ed_peptide_1_121_aa ATL8C3811_GENSCAN_predict | nam(HMM:1.3e-18) |
| 16567 | ed_peptide_1_222_aa ATL8C3812_GENSCAN_predict | nam(HMM:6.2e-60) |
| 16568 | ed_peptide_1_118_aa ATL8C38155_GENSCAN_predi | nam(HMM:8.1e-87) |
| 16569 | cted_peptide_1_174_aa ATL8C38600_GENSCAN_predi | nam(HMM:4e-09) |
| 16570 | cted_peptide_1_78_aa ATL8C38726_GENSCAN_predi | nam(HMM:3.2e-05) |
| 16571 | cted_peptide_1_66_aa ATL8C38906_GENSCAN_predi | nam(HMM:5.7e-36) |
| 16572 | cted_peptide_1_284_aa ATL8C40040_GENSCAN_predi | nam(HMM:6.5e-06) |
| 16573 | cted_peptide_1_208_aa ATL8C411_GENSCAN_predicte | nam(HMM:1.1e-27) |
| 16574 | d_peptide_1_374_aa ATL8C41405_GENSCAN_predi | nam(HMM:6.9e-24) |

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| | cted_peptide_1_115_aa | |
| 16575 | ATL8C41453_GENSCAN_predi | nam(HMM:8e-19) |
| | cted_peptide_1_370_aa | |
| 16576 | ATL8C41635_GENSCAN_predi | nam(HMM:1e-05) |
| | cted_peptide_1_109_aa | |
| 16577 | ATL8C42816_GENSCAN_predi | nam(HMM:4.3e-13) |
| | cted_peptide_1_99_aa | |
| 16578 | ATL8C45056_GENSCAN_predi | nam(HMM:1.2e-17) |
| | cted_peptide_1_211_aa | |
| 16579 | ATL8C45057_GENSCAN_predi | nam(HMM:6.7e-54) |
| | cted_peptide_1_188_aa | |
| 16580 | ATL8C45236_GENSCAN_predi | nam(HMM:2e-05) |
| | cted_peptide_1_98_aa | |
| 16581 | ATL8C45493_GENSCAN_predi | nam(HMM:1.5e-59) |
| | cted_peptide_1_213_aa | |
| 16582 | ATL8C45636_GENSCAN_predi | nam(HMM:1e-08) |
| | cted_peptide_1_38_aa | |
| 16583 | ATL8C46619_GENSCAN_predi | nam(HMM:1.2e-67) |
| | cted_peptide_1_434_aa | |
| 16584 | ATL8C47566_GENSCAN_predi | nam(HMM:8.8e-24) |
| | cted_peptide_1_98_aa | |
| 16585 | ATL8C47957_GENSCAN_predi | nam(HMM:1.5e-45) |
| | cted_peptide_1_97_aa | |
| 16586 | ATL8C48086_GENSCAN_predi | nam(HMM:1.8e-06) |
| | cted_peptide_4_320_aa | |
| 16587 | ATL8C48105_GENSCAN_predi | nam(HMM:2.7e-11) |
| | cted_peptide_1_256_aa | |
| 16588 | ATL8C48107_GENSCAN_predi | nam(HMM:4.4e-82) |
| | cted_peptide_1_161_aa | |
| 16589 | ATL8C48131_GENSCAN_predi | nam(HMM:4.6e-08) |
| | cted_peptide_1_207_aa | |
| 16590 | ATL8C48442_GENSCAN_predi | nam(HMM:4.1e-69) |
| | cted_peptide_1_142_aa | |
| 16591 | ATL8C48511_GENSCAN_predi | nam(HMM:4.3e-06) |
| | cted_peptide_1_135_aa | |
| 16592 | ATL8C48832_GENSCAN_predi | nam(HMM:0.0094) |
| | cted_peptide_1_203_aa | |
| 16593 | ATL8C49038_GENSCAN_predi | nam(HMM:5.1e-83) |
| | cted_peptide_1_144_aa | |
| 16594 | ATL8C49039_GENSCAN_predi | nam(HMM:4.9e-85) |
| | cted_peptide_1_148_aa | |
| 16595 | ATL8C50073_GENSCAN_predi | nam(HMM:7.7e-11) |
| | cted_peptide_2_313_aa | |
| 16596 | ATL8C5010_GENSCAN_predict | nam(HMM:5.5e-29) |
| | ed_peptide_1_330_aa | |
| 16597 | ATL8C50187_GENSCAN_predi | nam(HMM:7.5e-63) |
| | cted_peptide_1_232_aa | |
| 16598 | ATL8C537_GENSCAN_predicte | nam(HMM:1.1e-41) |
| | d_peptide_1_103_aa | |
| 16599 | ATL8C5572_GENSCAN_predict | nam(HMM:0.0029) |
| | ed_peptide_1_115_aa | |
| 16600 | ATL8C6211_GENSCAN_predict | nam(HMM:0.13) |
| | ed_peptide_1_155_aa | |
| 16601 | ATL8C68_GENSCAN_predicted | nam(HMM:4.8e-82) |

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| 16602 | _peptide_1_317_aa ATL8C7473_GENSCAN_predict | nam(HMM:4.1e-81) |
| 16603 | ed_peptide_1_136_aa ATL8C8547_GENSCAN_predict | nam(HMM:6.1) |
| 16604 | ed_peptide_1_75_aa ATL8C94_GENSCAN_predicted | nam(HMM:8.3e-27) |
| 16605 | _peptide_1_240_aa ATL8C961_GENSCAN_predicte | nam(HMM:9.8e-26) |
| 16606 | d_peptide_1_94_aa ATL8S13266_GENSCAN_predi | nam(HMM:0.0022) |
| 16607 | cted_peptide_1_57_aa ATL8S15272_GENSCAN_predi | nam(HMM:0.0037) |
| 16608 | cted_peptide_1_63_aa ATL8S19173_GENSCAN_predi | nam(HMM:1.7e-05) |
| 16609 | cted_peptide_1_111_aa ATL8S19793_GENSCAN_predi | nam(HMM:6.6e-11) |
| 16610 | cted_peptide_1_38_aa ATL8S20897_GENSCAN_predi | nam(HMM:3e-11) |
| 16611 | cted_peptide_1_126_aa ATL8S23042_GENSCAN_predi | nam(HMM:0.00011) |
| 16612 | cted_peptide_1_52_aa ATL8S2326_GENSCAN_predict | nam(HMM:1.7e-50) |
| 16613 | ed_peptide_1_110_aa ATL8S27480_GENSCAN_predi | nam(HMM:2.7) |
| 16614 | cted_peptide_1_43_aa ATL8S7354_GENSCAN_predict | nam(HMM:1.7e-14) |
| 16615 | ed_peptide_1_89_aa ATL8S8926_GENSCAN_predict | nam(HMM:0.00031) |
| 16616 | ed_peptide_1_55_aa ATL8C11860_GENSCAN_predi | nap_family(HMM:0.0001) |
| 16617 | cted_peptide_1_122_aa ATL8C21912_GENSCAN_predi | nap_family(HMM:2.5e-92) |
| 16618 | cted_peptide_1_292_aa ATL8C48274_GENSCAN_predi | nap_family(HMM:2.8e-08) |
| 16619 | cted_peptide_1_125_aa ATL8C4931_GENSCAN_predict | nap_family(HMM:6.6e-11) |
| 16620 | ed_peptide_1_82_aa ATL8C5349_GENSCAN_predict | nap_family(HMM:5.6e-06) |
| 16621 | ed_peptide_1_143_aa ATL8C5399_GENSCAN_predict | nap_family(HMM:5.9e-11) |
| 16622 | ed_peptide_1_84_aa ATL8S20156_GENSCAN_predi | nap_family(HMM:2.8e-10) |
| 16623 | cted_peptide_1_80_aa ATL8C10859_GENSCAN_predi | phd(HMM:0.032) |
| 16624 | cted_peptide_1_307_aa ATL8C10925_GENSCAN_predi | phd(HMM:7.5e-17) |
| 16625 | cted_peptide_2_343_aa ATL8C10977_GENSCAN_predi | phd(HMM:0.47) |
| 16626 | cted_peptide_1_449_aa ATL8C13492_GENSCAN_predi | phd(HMM:1.3e-13) |
| 16627 | cted_peptide_3_153_aa ATL8C14743_GENSCAN_predi | phd(HMM:0.17) |
| 16628 | cted_peptide_1_662_aa ATL8C14746_GENSCAN_predi | phd(HMM:4e-11) |

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| | cted_peptide_1_230_aa | |
| 16629 | ATL8C14814_GENSCAN_predi | phd(HMM:1.2e-14) |
| | cted_peptide_1_279_aa | |
| 16630 | ATL8C14848_GENSCAN_predi | phd(HMM:2.1e-13) |
| | cted_peptide_1_188_aa | |
| 16631 | ATL8C15819_GENSCAN_predi | phd(HMM:1.9e-05) |
| | cted_peptide_1_224_aa | |
| 16632 | ATL8C16343_GENSCAN_predi | phd(HMM:0.055) |
| | cted_peptide_1_363_aa | |
| 16633 | ATL8C16753_GENSCAN_predi | phd(HMM:2.8) |
| | cted_peptide_1_331_aa | |
| 16634 | ATL8C17549_GENSCAN_predi | phd(HMM:2.5) |
| | cted_peptide_1_111_aa | |
| 16635 | ATL8C18832_GENSCAN_predi | phd(HMM:2e-11) |
| | cted_peptide_1_705_aa | |
| 16636 | ATL8C1943_GENSCAN_predict | phd(HMM:3.1e-06) |
| | ed_peptide_1_427_aa | |
| 16637 | ATL8C19746_GENSCAN_predi | phd(HMM:0.038) |
| | cted_peptide_1_154_aa | |
| 16638 | ATL8C20569_GENSCAN_predi | phd(HMM:2.5e-06) |
| | cted_peptide_1_387_aa | |
| 16639 | ATL8C20581_GENSCAN_predi | phd(HMM:0.054) |
| | cted_peptide_1_300_aa | |
| 16640 | ATL8C21787_GENSCAN_predi | phd(HMM:0.035) |
| | cted_peptide_1_958_aa | |
| 16641 | ATL8C21792_GENSCAN_predi | phd(HMM:8e-05) |
| | cted_peptide_1_432_aa | |
| 16642 | ATL8C21889_GENSCAN_predi | phd(HMM:3e-06) |
| | cted_peptide_2_358_aa | |
| 16643 | ATL8C22983_GENSCAN_predi | phd(HMM:0.082) |
| | cted_peptide_1_583_aa | |
| 16644 | ATL8C24320_GENSCAN_predi | phd(HMM:5.3e-09) |
| | cted_peptide_1_1489_aa | |
| 16645 | ATL8C2445_GENSCAN_predict | phd(HMM:6.9e-15) |
| | ed_peptide_1_332_aa | |
| 16646 | ATL8C24566_GENSCAN_predi | phd(HMM:0.51) |
| | cted_peptide_1_85_aa | |
| 16647 | ATL8C26759_GENSCAN_predi | phd(HMM:1.7) |
| | cted_peptide_1_213_aa | |
| 16648 | ATL8C27041_GENSCAN_predi | phd(HMM:9.6e-06) |
| | cted_peptide_1_228_aa | |
| 16649 | ATL8C27388_GENSCAN_predi | phd(HMM:0.0098) |
| | cted_peptide_1_533_aa | |
| 16650 | ATL8C2817_GENSCAN_predict | phd(HMM:0.00044) |
| | ed_peptide_1_181_aa | |
| 16651 | ATL8C29660_GENSCAN_predi | phd(HMM:0.053) |
| | cted_peptide_1_362_aa | |
| 16652 | ATL8C2971_GENSCAN_predict | phd(HMM:0.11) |
| | ed_peptide_1_345_aa | |
| 16653 | ATL8C30985_GENSCAN_predi | phd(HMM:1.7e-06) |
| | cted_peptide_1_400_aa | |
| 16654 | ATL8C34392_GENSCAN_predi | phd(HMM:1.8e-12) |
| | cted_peptide_1_117_aa | |
| 16655 | ATL8C34574_GENSCAN_predi | phd(HMM:2.6e-09) |

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| 16656 | cted_peptide_1_105_aa ATL8C35355_GENSCAN_predi | phd(HMM:0.0038) |
| 16657 | cted_peptide_2_212_aa ATL8C36072_GENSCAN_predi | phd(HMM:1.6e-16) |
| 16658 | cted_peptide_1_289_aa ATL8C3626_GENSCAN_predict | phd(HMM:1.1e-07) |
| 16659 | ed_peptide_1_141_aa ATL8C38121_GENSCAN_predi | phd(HMM:0.017) |
| 16660 | cted_peptide_1_191_aa ATL8C38122_GENSCAN_predi | phd(HMM:0.026) |
| 16661 | cted_peptide_1_249_aa ATL8C38174_GENSCAN_predi | phd(HMM:0.014) |
| 16662 | cted_peptide_2_354_aa ATL8C38851_GENSCAN_predi | phd(HMM:0.034) |
| 16663 | cted_peptide_1_281_aa ATL8C39583_GENSCAN_predi | phd(HMM:5.3e-05) |
| 16664 | cted_peptide_3_95_aa ATL8C43995_GENSCAN_predi | phd(HMM:0.053) |
| 16665 | cted_peptide_1_259_aa ATL8C46067_GENSCAN_predi | phd(HMM:0.087) |
| 16666 | cted_peptide_1_276_aa ATL8C46257_GENSCAN_predi | phd(HMM:2.5) |
| 16667 | cted_peptide_1_324_aa ATL8C46351_GENSCAN_predi | phd(HMM:3.8e-09) |
| 16668 | cted_peptide_1_386_aa ATL8C46648_GENSCAN_predi | phd(HMM:0.0079) |
| 16669 | cted_peptide_1_534_aa ATL8C48313_GENSCAN_predi | phd(HMM:0.044) |
| 16670 | cted_peptide_2_807_aa ATL8C50166_GENSCAN_predi | phd(HMM:1.8e-15) |
| 16671 | cted_peptide_1_424_aa ATL8C5953_GENSCAN_predict | phd(HMM:0.043) |
| 16672 | ed_peptide_1_487_aa ATL8C7567_GENSCAN_predict | phd(HMM:3.5e-05) |
| 16673 | ed_peptide_1_1227_aa ATL8C7991_GENSCAN_predict | phd(HMM:1.2e-12) |
| 16674 | ed_peptide_1_171_aa ATL8C8742_GENSCAN_predict | phd(HMM:0.073) |
| 16675 | ed_peptide_1_363_aa ATL8C9130_GENSCAN_predict | phd(HMM:0.0028) |
| 16676 | ed_peptide_1_342_aa ATL8C9148_GENSCAN_predict | phd(HMM:3.2e-14) |
| 16677 | ed_peptide_1_137_aa ATL8C9330_GENSCAN_predict | phd(HMM:0.0083) |
| 16678 | ed_peptide_1_282_aa ATL8C9983_GENSCAN_predict | phd(HMM:0.93) |
| 16679 | ed_peptide_1_682_aa ATL8S27812_GENSCAN_predi | phd(HMM:1.6e-11) |
| 16680 | cted_peptide_1_130_aa ATL8C22990_GENSCAN_predi | phd(HMM:0.0052),zf- c3hc4(HMM:2.3e-12) |
| 16681 | cted_peptide_1_581_aa ATL8C30770_GENSCAN_predi | phd(HMM:0.058),zf- c3hc4(HMM:1.4e-10) |
| 16682 | cted_peptide_1_289_aa ATL8C41980_GENSCAN_predi | phd(HMM:0.0056),zf- |

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| 16683 | cted_peptide_2_401_aa ATL8C49765_GENSCAN_predi | c3hc4(HMM:1.7e-09) phd(HMM:0.0033),zf- |
| 16684 | cted_peptide_1_485_aa ATL8C31616_GENSCAN_predi | c3hc4(HMM:6.1e-10) phd(HMM:0.038),zz(HMM:6.3e- |
| 16685 | cted_peptide_1_834_aa ATL8C12297_GENSCAN_predi | 11) response_reg(HMM:2.8e-05) |
| 16686 | cted_peptide_1_121_aa ATL8C12931_GENSCAN_predi | response_reg(HMM:3.2e-29) |
| 16687 | cted_peptide_1_251_aa ATL8C14938_GENSCAN_predi | response_reg(HMM:6.6e-30) |
| 16688 | cted_peptide_1_216_aa ATL8C16841_GENSCAN_predi | response_reg(HMM:0.00092) |
| 16689 | cted_peptide_1_91_aa ATL8C21718_GENSCAN_predi | response_reg(HMM:5.3e-33) |
| 16690 | cted_peptide_1_343_aa ATL8C28348_GENSCAN_predi | response_reg(HMM:2e-14) |
| 16691 | cted_peptide_1_122_aa ATL8C28614_GENSCAN_predi | response_reg(HMM:9.3e-16) |
| 16692 | cted_peptide_1_122_aa ATL8C2869_GENSCAN_predict | response_reg(HMM:9.6e-10) |
| 16693 | ed_peptide_1_826_aa ATL8C28832_GENSCAN_predi | response_reg(HMM:0.013) |
| 16694 | cted_peptide_1_166_aa ATL8C31376_GENSCAN_predi | response_reg(HMM:2.7e-05) |
| 16695 | cted_peptide_1_114_aa ATL8C33102_GENSCAN_predi | response_reg(HMM:7.8e-05) |
| 16696 | cted_peptide_1_51_aa ATL8C36529_GENSCAN_predi | response_reg(HMM:4e-05) |
| 16697 | cted_peptide_1_167_aa ATL8C37281_GENSCAN_predi | response_reg(HMM:5.5e-22) |
| 16698 | cted_peptide_1_146_aa ATL8C38014_GENSCAN_predi | response_reg(HMM:5.8) |
| 16699 | cted_peptide_1_165_aa ATL8C38180_GENSCAN_predi | response_reg(HMM:0.0067) |
| 16700 | cted_peptide_1_99_aa ATL8C4163_GENSCAN_predict | response_reg(HMM:3.2e-15) |
| 16701 | ed_peptide_1_786_aa ATL8C43973_GENSCAN_predi | response_reg(HMM:4.9e-09) |
| 16702 | cted_peptide_1_208_aa ATL8C49757_GENSCAN_predi | response_reg(HMM:2e-06) |
| 16703 | cted_peptide_1_79_aa ATL8C50073_GENSCAN_predi | response_reg(HMM:6e-28) |
| 16704 | cted_peptide_1_206_aa ATL8C9299_GENSCAN_predict | response_reg(HMM:0.18) |
| 16705 | ed_peptide_1_652_aa ATL8C953_GENSCAN_predicte | response_reg(HMM:6.4e-06) |
| 16706 | d_peptide_1_130_aa ATL8S10023_GENSCAN_predi | response_reg(HMM:5.1e-10) |
| 16707 | cted_peptide_1_76_aa ATL8S11061_GENSCAN_predi | response_reg(HMM:0.61) |
| 16708 | cted_peptide_1_83_aa ATL8S11942_GENSCAN_predi | response_reg(HMM:2.9e-14) |
| 16709 | cted_peptide_1_141_aa ATL8S12232_GENSCAN_predi | response_reg(HMM:2.9e-06) |

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| 16710 | cted_peptide_2_39_aa ATL8S13178_GENSCAN_predi | response_reg(HMM:0.0012) |
| 16711 | cted_peptide_1_69_aa ATL8S13728_GENSCAN_predi | response_reg(HMM:4.9e-10) |
| 16712 | cted_peptide_1_151_aa ATL8S14669_GENSCAN_predi | response_reg(HMM:7.8) |
| 16713 | cted_peptide_1_62_aa ATL8S15098_GENSCAN_predi | response_reg(HMM:0.00069) |
| 16714 | cted_peptide_1_135_aa ATL8S15679_GENSCAN_predi | response_reg(HMM:0.0065) |
| 16715 | cted_peptide_1_89_aa ATL8S16533_GENSCAN_predi | response_reg(HMM:0.17) |
| 16716 | cted_peptide_1_111_aa ATL8S17723_GENSCAN_predi | response_reg(HMM:9.6e-09) |
| 16717 | cted_peptide_1_151_aa ATL8S18376_GENSCAN_predi | response_reg(HMM:2.4e-17) |
| 16718 | cted_peptide_1_129_aa ATL8S19118_GENSCAN_predi | response_reg(HMM:1.3e-05) |
| 16719 | cted_peptide_1_43_aa ATL8S19602_GENSCAN_predi | response_reg(HMM:1.1e-06) |
| 16720 | cted_peptide_1_138_aa ATL8S19795_GENSCAN_predi | response_reg(HMM:4.6e-05) |
| 16721 | cted_peptide_1_123_aa ATL8S21409_GENSCAN_predi | response_reg(HMM:0.0014) |
| 16722 | cted_peptide_1_81_aa ATL8S22623_GENSCAN_predi | response_reg(HMM:0.61) |
| 16723 | cted_peptide_1_150_aa ATL8S24227_GENSCAN_predi | response_reg(HMM:3.6e-20) |
| 16724 | cted_peptide_1_131_aa ATL8S2615_GENSCAN_predict | response_reg(HMM:5e-12) |
| 16725 | ed_peptide_1_127_aa ATL8S26604_GENSCAN_predi | response_reg(HMM:0.00025) |
| 16726 | cted_peptide_1_73_aa ATL8S28112_GENSCAN_predi | response_reg(HMM:0.0031) |
| 16727 | cted_peptide_1_136_aa ATL8S28344_GENSCAN_predi | response_reg(HMM:8.4e-19) |
| 16728 | cted_peptide_1_175_aa ATL8S28362_GENSCAN_predi | response_reg(HMM:0.0015) |
| 16729 | cted_peptide_1_93_aa ATL8S29177_GENSCAN_predi | response_reg(HMM:0.22) |
| 16730 | cted_peptide_1_110_aa ATL8S30314_GENSCAN_predi | response_reg(HMM:4.3e-10) |
| 16731 | cted_peptide_1_87_aa ATL8S30371_GENSCAN_predi | response_reg(HMM:0.047) |
| 16732 | cted_peptide_1_161_aa ATL8S3240_GENSCAN_predict | response_reg(HMM:2) |
| 16733 | ed_peptide_1_54_aa ATL8S3823_GENSCAN_predict | response_reg(HMM:2e-24) |
| 16734 | ed_peptide_1_119_aa ATL8S6445_GENSCAN_predict | response_reg(HMM:0.0054) |
| 16735 | ed_peptide_1_152_aa ATL8S6606_GENSCAN_predict | response_reg(HMM:1.2e-42) |
| 16736 | ed_peptide_1_151_aa ATL8S7299_GENSCAN_predict | response_reg(HMM:0.00088) |

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| 16737 | ed_peptide_1_164_aa ATL8C10416_GENSCAN_predi | sbpb(HMM:7.7e-48) |
| 16738 | cted_peptide_1_332_aa ATL8C13139_GENSCAN_predi | sbpb(HMM:1.3e-43) |
| 16739 | cted_peptide_1_129_aa ATL8C21946_GENSCAN_predi | sbpb(HMM:5.2e-12) |
| 16740 | cted_peptide_1_98_aa ATL8C24543_GENSCAN_predi | sbpb(HMM:2e-43) |
| 16741 | cted_peptide_1_135_aa ATL8C25276_GENSCAN_predi | sbpb(HMM:7.2e-26) |
| 16742 | cted_peptide_1_230_aa ATL8C31714_GENSCAN_predi | sbpb(HMM:5.9e-42) |
| 16743 | cted_peptide_1_1004_aa ATL8C32035_GENSCAN_predi | sbpb(HMM:5.6e-08) |
| 16744 | cted_peptide_1_160_aa ATL8C32593_GENSCAN_predi | sbpb(HMM:2.7e-41) |
| 16745 | cted_peptide_1_218_aa ATL8C36125_GENSCAN_predi | sbpb(HMM:5.6e-44) |
| 16746 | cted_peptide_1_174_aa ATL8C36984_GENSCAN_predi | sbpb(HMM:3.6e-40) |
| 16747 | cted_peptide_1_192_aa ATL8C433_GENSCAN_predicte | sbpb(HMM:8.5e-41) |
| 16748 | d_peptide_1_355_aa ATL8C44593_GENSCAN_predi | sbpb(HMM:1.2e-46) |
| 16749 | cted_peptide_1_678_aa ATL8S27934_GENSCAN_predi | sbpb(HMM:3.1e-43) |
| 16750 | cted_peptide_1_106_aa ATL8C10233_GENSCAN_predi | scr(HMM:1.1e-155) |
| 16751 | cted_peptide_1_547_aa ATL8C10689_GENSCAN_predi | scr(HMM:1.1e-206) |
| 16752 | cted_peptide_1_761_aa ATL8C15492_GENSCAN_predi | scr(HMM:1.4e-72) |
| 16753 | cted_peptide_1_372_aa ATL8C16022_GENSCAN_predi | scr(HMM:7.3e-12) |
| 16754 | cted_peptide_1_200_aa ATL8C17018_GENSCAN_predi | scr(HMM:3e-79) |
| 16755 | cted_peptide_2_311_aa ATL8C19802_GENSCAN_predi | scr(HMM:1.6e-10) |
| 16756 | cted_peptide_1_414_aa ATL8C21156_GENSCAN_predi | scr(HMM:2.9e-190) |
| 16757 | cted_peptide_1_437_aa ATL8C22457_GENSCAN_predi | scr(HMM:3e-05) |
| 16758 | cted_peptide_2_107_aa ATL8C22796_GENSCAN_predi | scr(HMM:2.1e-11) |
| 16759 | cted_peptide_1_112_aa ATL8C23752_GENSCAN_predi | scr(HMM:9.5e-190) |
| 16760 | cted_peptide_1_515_aa ATL8C23820_GENSCAN_predi | scr(HMM:7.1e-11) |
| 16761 | cted_peptide_1_258_aa ATL8C2464_GENSCAN_predict | scr(HMM:1.3e-144) |
| 16762 | ed_peptide_1_491_aa ATL8C24710_GENSCAN_predi | scr(HMM:5.4e-46) |
| 16763 | cted_peptide_1_272_aa ATL8C266_GENSCAN_predicte | scr(HMM:3.8e-12) |

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| 16764 | d_peptide_1_283_aa ATL8C28489_GENSCAN_predi | scr(HMM:0.25) |
| 16765 | cted_peptide_1_130_aa ATL8C30855_GENSCAN_predi | scr(HMM:6.3e-50) |
| 16766 | cted_peptide_1_531_aa ATL8C31122_GENSCAN_predi | scr(HMM:0.079) |
| 16767 | cted_peptide_1_249_aa ATL8C31150_GENSCAN_predi | scr(HMM:3.5e-182) |
| 16768 | cted_peptide_1_471_aa ATL8C31987_GENSCAN_predi | scr(HMM:8.2e-88) |
| 16769 | cted_peptide_2_407_aa ATL8C32167_GENSCAN_predi | scr(HMM:5.4e-28) |
| 16770 | cted_peptide_1_174_aa ATL8C32692_GENSCAN_predi | scr(HMM:5.8e-185) |
| 16771 | cted_peptide_1_532_aa ATL8C33084_GENSCAN_predi | scr(HMM:1.5e-188) |
| 16772 | cted_peptide_1_559_aa ATL8C35509_GENSCAN_predi | scr(HMM:4.4e-21) |
| 16773 | cted_peptide_1_118_aa ATL8C35699_GENSCAN_predi | scr(HMM:2e-116) |
| 16774 | cted_peptide_2_542_aa ATL8C35772_GENSCAN_predi | scr(HMM:4.6e-34) |
| 16775 | cted_peptide_1_463_aa ATL8C36571_GENSCAN_predi | scr(HMM:4.2e-136) |
| 16776 | cted_peptide_1_610_aa ATL8C37150_GENSCAN_predi | scr(HMM:1e-17) |
| 16777 | cted_peptide_1_214_aa ATL8C37236_GENSCAN_predi | scr(HMM:9.4e-120) |
| 16778 | cted_peptide_2_405_aa ATL8C40435_GENSCAN_predi | scr(HMM:0.095) |
| 16779 | cted_peptide_1_144_aa ATL8C42790_GENSCAN_predi | scr(HMM:6.2e-24) |
| 16780 | cted_peptide_1_639_aa ATL8C43894_GENSCAN_predi | scr(HMM:0.00037) |
| 16781 | cted_peptide_1_348_aa ATL8C47969_GENSCAN_predi | scr(HMM:8.6e-98) |
| 16782 | cted_peptide_1_516_aa ATL8C9235_GENSCAN_predict | scr(HMM:2.1e-10) |
| 16783 | ed_peptide_1_305_aa ATL8C9797_GENSCAN_predict | scr(HMM:1.1e-27) |
| 16784 | ed_peptide_1_410_aa ATL8S22458_GENSCAN_predi | scr(HMM:5.4e-17) |
| 16785 | cted_peptide_1_113_aa ATL8S30461_GENSCAN_predi | scr(HMM:1.7e-32) |
| 16786 | cted_peptide_1_144_aa ATL8S6425_GENSCAN_predict | scr(HMM:2.1e-12) |
| 16787 | ed_peptide_1_145_aa ATL8S7445_GENSCAN_predict | scr(HMM:2.7e-16) |
| 16788 | ed_peptide_1_69_aa ATL8C12755_GENSCAN_predi | set(HMM:5.2e-51) |
| 16789 | cted_peptide_1_666_aa ATL8C14965_GENSCAN_predi | set(HMM:1.6e-26) |
| 16790 | cted_peptide_1_139_aa ATL8C15132_GENSCAN_predi | set(HMM:3.3e-31) |

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| 16791 | cted_peptide_1_344_aa ATL8C19049_GENSCAN_predi | set(HMM:8.9e-37) |
| 16792 | cted_peptide_1_193_aa ATL8C21583_GENSCAN_predi | set(HMM:0.00037) |
| 16793 | cted_peptide_1_91_aa ATL8C23293_GENSCAN_predi | set(HMM:6.5e-28) |
| 16794 | cted_peptide_1_329_aa ATL8C23853_GENSCAN_predi | set(HMM:0.0031) |
| 16795 | cted_peptide_1_616_aa ATL8C25105_GENSCAN_predi | set(HMM:1.6) |
| 16796 | cted_peptide_1_545_aa ATL8C25653_GENSCAN_predi | set(HMM:5e-40) |
| 16797 | cted_peptide_1_399_aa ATL8C28433_GENSCAN_predi | set(HMM:1.2e-21) |
| 16798 | cted_peptide_1_194_aa ATL8C2850_GENSCAN_predict | set(HMM:0.02) |
| 16799 | ed_peptide_1_124_aa ATL8C36566_GENSCAN_predi | set(HMM:2e-23) |
| 16800 | cted_peptide_1_351_aa ATL8C3737_GENSCAN_predict | set(HMM:1.1e-05) |
| 16801 | ed_peptide_1_295_aa ATL8C3927_GENSCAN_predict | set(HMM:2.8e-11) |
| 16802 | ed_peptide_1_72_aa ATL8C42558_GENSCAN_predi | set(HMM:2.7e-06) |
| 16803 | cted_peptide_2_66_aa ATL8C44560_GENSCAN_predi | set(HMM:4.3e-18) |
| 16804 | cted_peptide_1_342_aa ATL8C46085_GENSCAN_predi | set(HMM:0.42) |
| 16805 | cted_peptide_1_294_aa ATL8C46109_GENSCAN_predi | set(HMM:1.2e-20) |
| 16806 | cted_peptide_1_280_aa ATL8C47459_GENSCAN_predi | set(HMM:3.4e-60) |
| 16807 | cted_peptide_1_481_aa ATL8C48917_GENSCAN_predi | set(HMM:1.7e-35) |
| 16808 | cted_peptide_1_261_aa ATL8C535_GENSCAN_predicte | set(HMM:2.2e-07) |
| 16809 | d_peptide_1_105_aa ATL8C7924_GENSCAN_predict | set(HMM:1.2e-40) |
| 16810 | ed_peptide_1_361_aa ATL8C9198_GENSCAN_predict | set(HMM:9.1e-09) |
| 16811 | ed_peptide_1_269_aa ATL8S20551_GENSCAN_predi | set(HMM:2.2e-09) |
| 16812 | cted_peptide_1_179_aa ATL8S30646_GENSCAN_predi | set(HMM:3.7e-35) |
| 16813 | cted_peptide_1_136_aa ATL8C10856_GENSCAN_predi | snf2_n(HMM:0.0054) |
| 16814 | cted_peptide_1_219_aa ATL8C12277_GENSCAN_predi | snf2_n(HMM:0.00017) |
| 16815 | cted_peptide_1_194_aa ATL8C12867_GENSCAN_predi | snf2_n(HMM:3.4e-14) |
| 16816 | cted_peptide_1_70_aa ATL8C1288_GENSCAN_predict | snf2_n(HMM:9.9e-07) |
| 16817 | ed_peptide_2_574_aa ATL8C13620_GENSCAN_predi | snf2_n(HMM:0.0015) |

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| 16818 | cted_peptide_1_1352_aa ATL8C14228_GENSCAN_predi | snf2_n(HMM:7.1e-20) |
| 16819 | cted_peptide_1_1169_aa ATL8C17938_GENSCAN_predi | snf2_n(HMM:2.3e-10) |
| 16820 | cted_peptide_1_449_aa ATL8C20361_GENSCAN_predi | snf2_n(HMM:0.043) |
| 16821 | cted_peptide_1_338_aa ATL8C221_GENSCAN_predicte | snf2_n(HMM:1e-20) |
| 16822 | d_peptide_1_156_aa ATL8C22995_GENSCAN_predi | snf2_n(HMM:1.5e-12) |
| 16823 | cted_peptide_1_267_aa ATL8C23972_GENSCAN_predi | snf2_n(HMM:1.5e-17) |
| 16824 | cted_peptide_1_750_aa ATL8C2422_GENSCAN_predict | snf2_n(HMM:2.1e-80) |
| 16825 | ed_peptide_1_794_aa ATL8C24734_GENSCAN_predi | snf2_n(HMM:4.8e-09) |
| 16826 | cted_peptide_2_638_aa ATL8C2518_GENSCAN_predict | snf2_n(HMM:7.7e-14) |
| 16827 | ed_peptide_1_885_aa ATL8C26872_GENSCAN_predi | snf2_n(HMM:2.2e-15) |
| 16828 | cted_peptide_1_236_aa ATL8C27611_GENSCAN_predi | snf2_n(HMM:8e-14) |
| 16829 | cted_peptide_1_174_aa ATL8C28572_GENSCAN_predi | snf2_n(HMM:1.3e-10) |
| 16830 | cted_peptide_1_45_aa ATL8C31135_GENSCAN_predi | snf2_n(HMM:1.7e-82) |
| 16831 | cted_peptide_2_1000_aa ATL8C31482_GENSCAN_predi | snf2_n(HMM:9.2e-09) |
| 16832 | cted_peptide_1_70_aa ATL8C32395_GENSCAN_predi | snf2_n(HMM:1.4e-121) |
| 16833 | cted_peptide_1_701_aa ATL8C32894_GENSCAN_predi | snf2_n(HMM:2.3e-31) |
| 16834 | cted_peptide_1_273_aa ATL8C33273_GENSCAN_predi | snf2_n(HMM:1.1) |
| 16835 | cted_peptide_1_256_aa ATL8C34588_GENSCAN_predi | snf2_n(HMM:6.5e-97) |
| 16836 | cted_peptide_1_1135_aa ATL8C35458_GENSCAN_predi | snf2_n(HMM:0.0085) |
| 16837 | cted_peptide_1_135_aa ATL8C36087_GENSCAN_predi | snf2_n(HMM:8.6e-28) |
| 16838 | cted_peptide_1_473_aa ATL8C36155_GENSCAN_predi | snf2_n(HMM:1.5e-08) |
| 16839 | cted_peptide_2_494_aa ATL8C37818_GENSCAN_predi | snf2_n(HMM:4.2e-06) |
| 16840 | cted_peptide_1_525_aa ATL8C41287_GENSCAN_predi | snf2_n(HMM:2.3e-15) |
| 16841 | cted_peptide_1_201_aa ATL8C42308_GENSCAN_predi | snf2_n(HMM:2.6e-18) |
| 16842 | cted_peptide_1_124_aa ATL8C42310_GENSCAN_predi | snf2_n(HMM:2.4e-08) |
| 16843 | cted_peptide_1_93_aa ATL8C43948_GENSCAN_predi | snf2_n(HMM:3.7e-18) |
| 16844 | cted_peptide_1_259_aa ATL8C4449_GENSCAN_predict | snf2_n(HMM:1.1e-13) |

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| 16845 | ed_peptide_2_348_aa ATL8C46220_GENSCAN_predi | snf2_n(HMM:9.3e-05) |
| 16846 | cted_peptide_1_308_aa ATL8C47261_GENSCAN_predi | snf2_n(HMM:1.1e-05) |
| 16847 | cted_peptide_1_201_aa ATL8C47714_GENSCAN_predi | snf2_n(HMM:8.9e-13) |
| 16848 | cted_peptide_1_248_aa ATL8C47876_GENSCAN_predi | snf2_n(HMM:3.9e-12) |
| 16849 | cted_peptide_1_474_aa ATL8C7651_GENSCAN_predict | snf2_n(HMM:5.7e-05) |
| 16850 | ed_peptide_1_87_aa ATL8C8919_GENSCAN_predict | snf2_n(HMM:5.4e-10) |
| 16851 | ed_peptide_1_282_aa ATL8C8921_GENSCAN_predict | snf2_n(HMM:1.1e-21) |
| 16852 | ed_peptide_1_271_aa ATL8C9764_GENSCAN_predict | snf2_n(HMM:0.03) |
| 16853 | ed_peptide_1_338_aa ATL8C99_GENSCAN_predicted | snf2_n(HMM:7.1e-09) |
| 16854 | _peptide_1_163_aa ATL8S14501_GENSCAN_predi | snf2_n(HMM:0.0032) |
| 16855 | cted_peptide_1_23_aa ATL8S17492_GENSCAN_predi | snf2_n(HMM:5e-19) |
| 16856 | cted_peptide_1_124_aa ATL8S19389_GENSCAN_predi | snf2_n(HMM:1.4e-07) |
| 16857 | cted_peptide_1_106_aa ATL8S23578_GENSCAN_predi | snf2_n(HMM:0.001) |
| 16858 | cted_peptide_1_105_aa ATL8S8606_GENSCAN_predict | snf2_n(HMM:0.00028) |
| 16859 | ed_peptide_1_139_aa ATL8C10404_GENSCAN_predi | snf2_n(HMM:1.1e-22),zf- |
| 16860 | cted_peptide_2_400_aa ATL8C3225_GENSCAN_predict | c3hc4(HMM:3.1e-10) |
| 16861 | ed_peptide_1_622_aa ATL8C5320_GENSCAN_predict | snf2_n(HMM:1.1e-63),zf- |
| 16862 | ed_peptide_2_881_aa ATL8C5320_GENSCAN_predict | c3hc4(HMM:1.7e-06) |
| 16863 | ed_peptide_2_881_aa ATL8C1028_GENSCAN_predict | snf2_n(HMM:5.3e-83),zf- |
| 16864 | ed_peptide_1_340_aa ATL8C1028_GENSCAN_predict | c3hc4(HMM:1.1e-08) |
| 16865 | ed_peptide_1_254_aa ATL8C13144_GENSCAN_predi | srf-tf(HMM:0.017) |
| 16866 | cted_peptide_1_254_aa ATL8C1384_GENSCAN_predict | srf-tf(HMM:6.7e-16) |
| 16867 | ed_peptide_1_284_aa ATL8C15039_GENSCAN_predi | srf-tf(HMM:0.075) |
| 16868 | cted_peptide_1_207_aa ATL8C15194_GENSCAN_predi | srf-tf(HMM:7.9e-15) |
| 16869 | cted_peptide_1_256_aa ATL8C17047_GENSCAN_predi | srf-tf(HMM:2.4e-07) |
| 16870 | cted_peptide_1_275_aa ATL8C17616_GENSCAN_predi | srf-tf(HMM:3e-07) |
| 16871 | cted_peptide_1_155_aa ATL8C17616_GENSCAN_predi | srf-tf(HMM:0.27) |
| | cted_peptide_3_96_aa ATL8C18528_GENSCAN_predi | srf-tf(HMM:0.029) |
| | cted_peptide_1_211_aa ATL8C18728_GENSCAN_predi | srf-tf(HMM:5e-11) |
| | | srf-tf(HMM:1.3e-09) |

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| 16872 | cted_peptide_1_220_aa ATL8C23164_GENSCAN_predi | srf-tf(HMM:7.1e-25) |
| 16873 | cted_peptide_1_132_aa ATL8C24315_GENSCAN_predi | srf-tf(HMM:2e-08) |
| 16874 | cted_peptide_1_272_aa ATL8C30189_GENSCAN_predi | srf-tf(HMM:6.6e-22) |
| 16875 | cted_peptide_1_143_aa ATL8C30300_GENSCAN_predi | srf-tf(HMM:4.4e-26) |
| 16876 | cted_peptide_1_95_aa ATL8C31064_GENSCAN_predi | srf-tf(HMM:4.3e-13) |
| 16877 | cted_peptide_1_327_aa ATL8C31809_GENSCAN_predi | srf-tf(HMM:9.6) |
| 16878 | cted_peptide_1_35_aa ATL8C32220_GENSCAN_predi | srf-tf(HMM:0.027) |
| 16879 | cted_peptide_1_341_aa ATL8C34008_GENSCAN_predi | srf-tf(HMM:0.036) |
| 16880 | cted_peptide_1_164_aa ATL8C35638_GENSCAN_predi | srf-tf(HMM:5.4e-19) |
| 16881 | cted_peptide_2_427_aa ATL8C38401_GENSCAN_predi | srf-tf(HMM:1.7e-36) |
| 16882 | cted_peptide_1_61_aa ATL8C38623_GENSCAN_predi | srf-tf(HMM:4.5e-08) |
| 16883 | cted_peptide_1_126_aa ATL8C38642_GENSCAN_predi | srf-tf(HMM:9.1e-18) |
| 16884 | cted_peptide_1_83_aa ATL8C39183_GENSCAN_predi | srf-tf(HMM:0.013) |
| 16885 | cted_peptide_1_386_aa ATL8C40267_GENSCAN_predi | srf-tf(HMM:4.3e-13) |
| 16886 | cted_peptide_1_311_aa ATL8C40815_GENSCAN_predi | srf-tf(HMM:9.3e-37) |
| 16887 | cted_peptide_1_64_aa ATL8C41429_GENSCAN_predi | srf-tf(HMM:0.00025) |
| 16888 | cted_peptide_1_175_aa ATL8C41998_GENSCAN_predi | srf-tf(HMM:8.9e-06) |
| 16889 | cted_peptide_1_530_aa ATL8C42193_GENSCAN_predi | srf-tf(HMM:3.8e-25) |
| 16890 | cted_peptide_1_217_aa ATL8C45457_GENSCAN_predi | srf-tf(HMM:3.9e-10) |
| 16891 | cted_peptide_1_235_aa ATL8C46709_GENSCAN_predi | srf-tf(HMM:8e-12) |
| 16892 | cted_peptide_1_90_aa ATL8C4708_GENSCAN_predict | srf-tf(HMM:1.6e-14) |
| 16893 | ed_peptide_1_132_aa ATL8C47812_GENSCAN_predi | srf-tf(HMM:1.3e-36) |
| 16894 | cted_peptide_1_78_aa ATL8C48816_GENSCAN_predi | srf-tf(HMM:4.3e-33) |
| 16895 | cted_peptide_1_117_aa ATL8C5388_GENSCAN_predict | srf-tf(HMM:6.6e-28) |
| 16896 | ed_peptide_1_62_aa ATL8C7116_GENSCAN_predict | srf-tf(HMM:4.8e-29) |
| 16897 | ed_peptide_1_60_aa ATL8C896_GENSCAN_predicte | srf-tf(HMM:0.029) |
| 16898 | d_peptide_1_345_aa ATL8C923_GENSCAN_predicte | srf-tf(HMM:0.08) |

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| 16899 | d_peptide_2_250_aa ATL8C9422_GENSCAN_predict | srf-tf(HMM:0.065) |
| 16900 | ed_peptide_1_67_aa ATL8C9959_GENSCAN_predict | srf-tf(HMM:8.6e-33) |
| 16901 | ed_peptide_1_62_aa ATL8S12434_GENSCAN_predi | srf-tf(HMM:0.0011) |
| 16902 | cted_peptide_1_104_aa ATL8S173_GENSCAN_predicte | srf-tf(HMM:1.4e-16) |
| 16903 | d_peptide_1_42_aa ATL8S4917_GENSCAN_predict | srf-tf(HMM:1.3e-38) |
| 16904 | ed_peptide_1_62_aa ATL8S7885_GENSCAN_predict | srf-tf(HMM:4e-14) |
| 16905 | ed_peptide_1_110_aa ATL8S9476_GENSCAN_predict | srf-tf(HMM:1.4e-36) |
| 16906 | ed_peptide_1_81_aa ATL8C26602_GENSCAN_predi | tbp(HMM:1.3e-37) |
| 16907 | cted_peptide_1_71_aa ATL8C12435_GENSCAN_predi | teo(HMM:3.7e-07) |
| 16908 | cted_peptide_1_70_aa ATL8C13601_GENSCAN_predi | teo(HMM:1.2e-14) |
| 16909 | cted_peptide_1_120_aa ATL8C20545_GENSCAN_predi | teo(HMM:2.9e-30) |
| 16910 | cted_peptide_1_184_aa ATL8C20594_GENSCAN_predi | teo(HMM:7.4e-07) |
| 16911 | cted_peptide_1_243_aa ATL8C22565_GENSCAN_predi | teo(HMM:7.2e-24) |
| 16912 | cted_peptide_1_138_aa ATL8C22797_GENSCAN_predi | teo(HMM:1.6e-27) |
| 16913 | cted_peptide_1_188_aa ATL8C26128_GENSCAN_predi | teo(HMM:1.7e-38) |
| 16914 | cted_peptide_1_286_aa ATL8C26147_GENSCAN_predi | teo(HMM:1e-30) |
| 16915 | cted_peptide_1_157_aa ATL8C26149_GENSCAN_predi | teo(HMM:4.8e-30) |
| 16916 | cted_peptide_1_141_aa ATL8C27592_GENSCAN_predi | teo(HMM:5.9e-37) |
| 16917 | cted_peptide_4_239_aa ATL8C32855_GENSCAN_predi | teo(HMM:2e-40) |
| 16918 | cted_peptide_1_408_aa ATL8C3391_GENSCAN_predict | teo(HMM:0.0048) |
| 16919 | ed_peptide_1_88_aa ATL8C9086_GENSCAN_predict | teo(HMM:1.1e-42) |
| 16920 | ed_peptide_1_174_aa ATL8S10522_GENSCAN_predi | teo(HMM:0.00032) |
| 16921 | cted_peptide_1_49_aa ATL8S10659_GENSCAN_predi | teo(HMM:4.3e-34) |
| 16922 | cted_peptide_1_120_aa ATL8S487_GENSCAN_predicte | teo(HMM:8.3e-11) |
| 16923 | d_peptide_1_46_aa ATL8C32480_GENSCAN_predi | tffis(HMM:1.9e-14) |
| 16924 | cted_peptide_1_69_aa ATL8C471_GENSCAN_predicte | tffis(HMM:1.4e-20) |
| 16925 | d_peptide_1_358_aa ATL8C17305_GENSCAN_predi | transcript_fac2(HMM:2.5e-14) |

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| 16926 | cted_peptide_1_91_aa ATL8C1878_GENSCAN_predict | transcript_fac2(HMM:3.7e-19) |
| 16927 | ed_peptide_1_267_aa ATL8C20301_GENSCAN_predi | transcript_fac2(HMM:1.7e-08) |
| 16928 | cted_peptide_2_173_aa ATL8C23301_GENSCAN_predi | transcript_fac2(HMM:1.9e-13) |
| 16929 | cted_peptide_1_132_aa ATL8C28488_GENSCAN_predi | transcript_fac2(HMM:3.2e-09) |
| 16930 | cted_peptide_1_194_aa ATL8C3183_GENSCAN_predict | transcript_fac2(HMM:1.8e-08) |
| 16931 | ed_peptide_1_404_aa ATL8C5701_GENSCAN_predict | transcript_fac2(HMM:0.00023) |
| 16932 | ed_peptide_1_132_aa ATL8C6913_GENSCAN_predict | transcript_fac2(HMM:0.0011) |
| 16933 | ed_peptide_1_86_aa ATL8S1099_GENSCAN_predict | transcript_fac2(HMM:5.1e-08) |
| 16934 | ed_peptide_1_149_aa ATL8S6837_GENSCAN_predict | transcript_fac2(HMM:0.0062) |
| 16935 | ed_peptide_1_82_aa ATL8C11040_GENSCAN_predi | trihelix(HMM:0.00073) |
| 16936 | cted_peptide_1_276_aa ATL8C11723_GENSCAN_predi | trihelix(HMM:0.017) |
| 16937 | cted_peptide_1_224_aa ATL8C18126_GENSCAN_predi | trihelix(HMM:4.4e-05) |
| 16938 | cted_peptide_1_155_aa ATL8C20354_GENSCAN_predi | trihelix(HMM:0.00068) |
| 16939 | cted_peptide_1_85_aa ATL8C20482_GENSCAN_predi | trihelix(HMM:1.9e-41) |
| 16940 | cted_peptide_1_265_aa ATL8C21021_GENSCAN_predi | trihelix(HMM:0.00031) |
| 16941 | cted_peptide_1_176_aa ATL8C24673_GENSCAN_predi | trihelix(HMM:0.18) |
| 16942 | cted_peptide_1_381_aa ATL8C33701_GENSCAN_predi | trihelix(HMM:1.7e-108) |
| 16943 | cted_peptide_1_637_aa ATL8C37686_GENSCAN_predi | trihelix(HMM:5.8e-05) |
| 16944 | cted_peptide_1_177_aa ATL8C38223_GENSCAN_predi | trihelix(HMM:1.2e-05) |
| 16945 | cted_peptide_1_137_aa ATL8C48333_GENSCAN_predi | trihelix(HMM:3.6e-37) |
| 16946 | cted_peptide_2_342_aa ATL8C49399_GENSCAN_predi | trihelix(HMM:1.4e-61) |
| 16947 | cted_peptide_1_173_aa ATL8C5784_GENSCAN_predict | trihelix(HMM:0.0055) |
| 16948 | ed_peptide_1_340_aa ATL8S623_GENSCAN_predicte | trihelix(HMM:3.3e-05) |
| 16949 | d_peptide_1_102_aa ATL8C10297_GENSCAN_predi | wrky(HMM:0.077) |
| 16950 | cted_peptide_4_569_aa ATL8C10305_GENSCAN_predi | wrky(HMM:0.51) |
| 16951 | cted_peptide_1_463_aa ATL8C11260_GENSCAN_predi | wrky(HMM:0.00067) |
| 16952 | cted_peptide_1_121_aa ATL8C11690_GENSCAN_predi | wrky(HMM:2.6e-43) |

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| 16953 | cted_peptide_1_391_aa ATL8C11900_GENSCAN_predi | wrky(HMM:0.82) |
| 16954 | cted_peptide_1_49_aa ATL8C1197_GENSCAN_predict | wrky(HMM:1.7e-05) |
| 16955 | ed_peptide_1_153_aa ATL8C12232_GENSCAN_predi | wrky(HMM:1.2e-05) |
| 16956 | cted_peptide_1_126_aa ATL8C15917_GENSCAN_predi | wrky(HMM:4.1e-12) |
| 16957 | cted_peptide_1_89_aa ATL8C15953_GENSCAN_predi | wrky(HMM:6.4e-92) |
| 16958 | cted_peptide_1_453_aa ATL8C1642_GENSCAN_predict | wrky(HMM:2.7e-85) |
| 16959 | ed_peptide_1_481_aa ATL8C16659_GENSCAN_predi | wrky(HMM:1.3e-83) |
| 16960 | cted_peptide_1_276_aa ATL8C16724_GENSCAN_predi | wrky(HMM:2.4e-39) |
| 16961 | cted_peptide_1_319_aa ATL8C17027_GENSCAN_predi | wrky(HMM:1.8e-40) |
| 16962 | cted_peptide_2_624_aa ATL8C18793_GENSCAN_predi | wrky(HMM:1.2e-05) |
| 16963 | cted_peptide_1_145_aa ATL8C21956_GENSCAN_predi | wrky(HMM:7.9e-17) |
| 16964 | cted_peptide_1_272_aa ATL8C25073_GENSCAN_predi | wrky(HMM:1.2e-90) |
| 16965 | cted_peptide_1_369_aa ATL8C2521_GENSCAN_predict | wrky(HMM:1.1e-08) |
| 16966 | ed_peptide_1_124_aa ATL8C26881_GENSCAN_predi | wrky(HMM:5.4e-09) |
| 16967 | cted_peptide_1_175_aa ATL8C27046_GENSCAN_predi | wrky(HMM:1.1e-05) |
| 16968 | cted_peptide_1_41_aa ATL8C28618_GENSCAN_predi | wrky(HMM:1.1e-06) |
| 16969 | cted_peptide_1_155_aa ATL8C29269_GENSCAN_predi | wrky(HMM:5.3e-91) |
| 16970 | cted_peptide_2_408_aa ATL8C29710_GENSCAN_predi | wrky(HMM:3e-39) |
| 16971 | cted_peptide_1_139_aa ATL8C30505_GENSCAN_predi | wrky(HMM:3.6e-40) |
| 16972 | cted_peptide_1_471_aa ATL8C32401_GENSCAN_predi | wrky(HMM:0.015) |
| 16973 | cted_peptide_1_144_aa ATL8C33505_GENSCAN_predi | wrky(HMM:1.1e-05) |
| 16974 | cted_peptide_1_141_aa ATL8C33535_GENSCAN_predi | wrky(HMM:6.4e-73) |
| 16975 | cted_peptide_1_621_aa ATL8C33869_GENSCAN_predi | wrky(HMM:7.4e-40) |
| 16976 | cted_peptide_1_298_aa ATL8C3446_GENSCAN_predict | wrky(HMM:2e-41) |
| 16977 | ed_peptide_1_184_aa ATL8C36801_GENSCAN_predi | wrky(HMM:4.7e-33) |
| 16978 | cted_peptide_1_267_aa ATL8C37236_GENSCAN_predi | wrky(HMM:5.6e-14) |
| 16979 | cted_peptide_1_161_aa ATL8C38114_GENSCAN_predi | wrky(HMM:0.93) |

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| 17007 | cted_peptide_1_331_aa ATL8C12716_GENSCAN_predi | constans(HMM:2.9e-14) zf-b_box(HMM:0.0055),zf- |
| 17008 | cted_peptide_1_373_aa ATL8C13955_GENSCAN_predi | constans(HMM:3.6e-41) zf-b_box(HMM:0.005),zf- |
| 17009 | cted_peptide_1_307_aa ATL8C15713_GENSCAN_predi | constans(HMM:6.7e-20) zf-b_box(HMM:0.0011),zf- |
| 17010 | cted_peptide_1_294_aa ATL8C22234_GENSCAN_predi | constans(HMM:2e-41) zf-b_box(HMM:0.011),zf- |
| 17011 | cted_peptide_2_349_aa ATL8C2519_GENSCAN_predict | constans(HMM:4e-16) zf-b_box(HMM:0.00095),zf- |
| 17012 | ed_peptide_1_238_aa ATL8C25591_GENSCAN_predi | constans(HMM:5e-36) zf-b_box(HMM:0.017),zf- |
| 17013 | cted_peptide_1_61_aa ATL8C26213_GENSCAN_predi | constans(HMM:9.5e-21) zf-b_box(HMM:0.0028),zf- |
| 17014 | cted_peptide_1_228_aa ATL8C32532_GENSCAN_predi | constans(HMM:1.4e-42) zf-b_box(HMM:0.024),zf- |
| 17015 | cted_peptide_1_248_aa ATL8C36559_GENSCAN_predi | constans(HMM:2.8e-42) zf-b_box(HMM:0.056),zf- |
| 17016 | cted_peptide_1_262_aa ATL8C48004_GENSCAN_predi | constans(HMM:2.6e-38) zf-b_box(HMM:0.0016),zf- |
| 17017 | cted_peptide_2_362_aa ATL8C4868_GENSCAN_predict | constans(HMM:1.1e-39) zf-b_box(HMM:0.00074),zf- |
| 17018 | ed_peptide_1_229_aa ATL8C48781_GENSCAN_predi | constans(HMM:4.5e-44) zf-b_box(HMM:0.01),zf- |
| 17019 | cted_peptide_1_196_aa ATL8C49688_GENSCAN_predi | constans(HMM:1.3e-20) zf-b_box(HMM:0.0016),zf- |
| 17020 | cted_peptide_1_98_aa ATL8C49854_GENSCAN_predi | constans(HMM:4.7e-40) zf-b_box(HMM:0.004),zf- |
| 17021 | cted_peptide_1_163_aa ATL8C1080_GENSCAN_predict | constans(HMM:1.8e-33) zf-c2h2(HMM:6.8e-10) |
| 17022 | ed_peptide_1_364_aa ATL8C11541_GENSCAN_predi | zf-c2h2(HMM:3.5e-08) |
| 17023 | cted_peptide_1_273_aa ATL8C12581_GENSCAN_predi | zf-c2h2(HMM:0.0069) |
| 17024 | cted_peptide_1_372_aa ATL8C13659_GENSCAN_predi | zf-c2h2(HMM:1.2e-08) |
| 17025 | cted_peptide_1_150_aa ATL8C13767_GENSCAN_predi | zf-c2h2(HMM:6.1e-09) |
| 17026 | cted_peptide_1_270_aa ATL8C14473_GENSCAN_predi | zf-c2h2(HMM:4.5e-08) |
| 17027 | cted_peptide_1_246_aa ATL8C15325_GENSCAN_predi | zf-c2h2(HMM:2.5e-08) |
| 17028 | cted_peptide_1_109_aa ATL8C16405_GENSCAN_predi | zf-c2h2(HMM:3.4e-08) |
| 17029 | cted_peptide_1_865_aa ATL8C16594_GENSCAN_predi | zf-c2h2(HMM:0.0026) |
| 17030 | cted_peptide_1_214_aa ATL8C16622_GENSCAN_predi | zf-c2h2(HMM:1.8e-08) |
| 17031 | cted_peptide_1_194_aa ATL8C1848_GENSCAN_predict | zf-c2h2(HMM:0.001) |
| 17032 | ed_peptide_1_143_aa ATL8C1850_GENSCAN_predict | zf-c2h2(HMM:3.4e-05) |
| 17033 | ed_peptide_1_124_aa ATL8C200_GENSCAN_predicte | zf-c2h2(HMM:2.9e-08) |

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| 17034 | d_peptide_1_188_aa ATL8C20286_GENSCAN_predi | zf-c2h2(HMM:0.0022) |
| 17035 | cted_peptide_1_199_aa ATL8C21180_GENSCAN_predi | zf-c2h2(HMM:1.4e-14) |
| 17036 | cted_peptide_2_1184_aa ATL8C21697_GENSCAN_predi | zf-c2h2(HMM:0.0072) |
| 17037 | cted_peptide_1_172_aa ATL8C22038_GENSCAN_predi | zf-c2h2(HMM:0.0048) |
| 17038 | cted_peptide_1_213_aa ATL8C23298_GENSCAN_predi | zf-c2h2(HMM:1.4e-09) |
| 17039 | cted_peptide_1_145_aa ATL8C24089_GENSCAN_predi | zf-c2h2(HMM:0.0014) |
| 17040 | cted_peptide_1_132_aa ATL8C25808_GENSCAN_predi | zf-c2h2(HMM:9.1e-17) |
| 17041 | cted_peptide_1_302_aa ATL8C27376_GENSCAN_predi | zf-c2h2(HMM:1.9e-08) |
| 17042 | cted_peptide_1_136_aa ATL8C27379_GENSCAN_predi | zf-c2h2(HMM:6.8e-10) |
| 17043 | cted_peptide_1_285_aa ATL8C27555_GENSCAN_predi | zf-c2h2(HMM:0.012) |
| 17044 | cted_peptide_1_222_aa ATL8C29080_GENSCAN_predi | zf-c2h2(HMM:2.7e-08) |
| 17045 | cted_peptide_1_137_aa ATL8C29385_GENSCAN_predi | zf-c2h2(HMM:6.1e-09) |
| 17046 | cted_peptide_1_143_aa ATL8C30751_GENSCAN_predi | zf-c2h2(HMM:1.2e-09) |
| 17047 | cted_peptide_1_184_aa ATL8C31709_GENSCAN_predi | zf-c2h2(HMM:1.2e-08) |
| 17048 | cted_peptide_1_191_aa ATL8C31710_GENSCAN_predi | zf-c2h2(HMM:1.2e-08) |
| 17049 | cted_peptide_1_154_aa ATL8C31711_GENSCAN_predi | zf-c2h2(HMM:2.1e-07) |
| 17050 | cted_peptide_1_134_aa ATL8C31712_GENSCAN_predi | zf-c2h2(HMM:4e-08) |
| 17051 | cted_peptide_1_134_aa ATL8C31713_GENSCAN_predi | zf-c2h2(HMM:0.0012) |
| 17052 | cted_peptide_1_153_aa ATL8C31728_GENSCAN_predi | zf-c2h2(HMM:3.4e-06) |
| 17053 | cted_peptide_1_449_aa ATL8C35287_GENSCAN_predi | zf-c2h2(HMM:0.0055) |
| 17054 | cted_peptide_1_264_aa ATL8C35376_GENSCAN_predi | zf-c2h2(HMM:0.026) |
| 17055 | cted_peptide_1_210_aa ATL8C36830_GENSCAN_predi | zf-c2h2(HMM:3.2e-08) |
| 17056 | cted_peptide_1_192_aa ATL8C36913_GENSCAN_predi | zf-c2h2(HMM:0.019) |
| 17057 | cted_peptide_1_235_aa ATL8C3750_GENSCAN_predict | zf-c2h2(HMM:0.079) |
| 17058 | ed_peptide_1_101_aa ATL8C38084_GENSCAN_predi | zf-c2h2(HMM:0.0026) |
| 17059 | cted_peptide_1_186_aa ATL8C38357_GENSCAN_predi | zf-c2h2(HMM:0.024) |
| 17060 | cted_peptide_1_130_aa ATL8C39254_GENSCAN_predi | zf-c2h2(HMM:6.1e-07) |

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| 17061 | cted_peptide_1_139_aa ATL8C40544_GENSCAN_predi | zf-c2h2(HMM:0.0011) |
| 17062 | cted_peptide_1_303_aa ATL8C41214_GENSCAN_predi | zf-c2h2(HMM:0.048) |
| 17063 | cted_peptide_1_364_aa ATL8C4237_GENSCAN_predict | zf-c2h2(HMM:0.0039) |
| 17064 | ed_peptide_1_112_aa ATL8C43178_GENSCAN_predi | zf-c2h2(HMM:2.3e-05) |
| 17065 | cted_peptide_1_414_aa ATL8C45752_GENSCAN_predi | zf-c2h2(HMM:7.5e-11) |
| 17066 | cted_peptide_1_256_aa ATL8C46186_GENSCAN_predi | zf-c2h2(HMM:0.00023) |
| 17067 | cted_peptide_1_180_aa ATL8C46660_GENSCAN_predi | zf-c2h2(HMM:1.2e-20) |
| 17068 | cted_peptide_1_240_aa ATL8C47018_GENSCAN_predi | zf-c2h2(HMM:0.055) |
| 17069 | cted_peptide_1_598_aa ATL8C47779_GENSCAN_predi | zf-c2h2(HMM:0.086) |
| 17070 | cted_peptide_1_203_aa ATL8C47911_GENSCAN_predi | zf-c2h2(HMM:2.7e-09) |
| 17071 | cted_peptide_1_215_aa ATL8C47967_GENSCAN_predi | zf-c2h2(HMM:0.012) |
| 17072 | cted_peptide_1_139_aa ATL8C4825_GENSCAN_predict | zf-c2h2(HMM:8.2e-13) |
| 17073 | ed_peptide_1_284_aa ATL8C48892_GENSCAN_predi | zf-c2h2(HMM:3e-08) |
| 17074 | cted_peptide_1_183_aa ATL8C49298_GENSCAN_predi | zf-c2h2(HMM:0.00032) |
| 17075 | cted_peptide_1_225_aa ATL8C49887_GENSCAN_predi | zf-c2h2(HMM:1e-05) |
| 17076 | cted_peptide_1_197_aa ATL8C50162_GENSCAN_predi | zf-c2h2(HMM:1.1e-06) |
| 17077 | cted_peptide_2_263_aa ATL8C5320_GENSCAN_predict | zf-c2h2(HMM:0.024) |
| 17078 | ed_peptide_1_248_aa ATL8C6984_GENSCAN_predict | zf-c2h2(HMM:0.0046) |
| 17079 | ed_peptide_1_272_aa ATL8C8207_GENSCAN_predict | zf-c2h2(HMM:2.5e-08) |
| 17080 | ed_peptide_1_109_aa ATL8C9262_GENSCAN_predict | zf-c2h2(HMM:0.034) |
| 17081 | ed_peptide_1_128_aa ATL8C9414_GENSCAN_predict | zf-c2h2(HMM:0.00035) |
| 17082 | ed_peptide_1_97_aa ATL8C9527_GENSCAN_predict | zf-c2h2(HMM:0.00083) |
| 17083 | ed_peptide_1_339_aa ATL8S10274_GENSCAN_predi | zf-c2h2(HMM:2.2e-07) |
| 17084 | cted_peptide_1_231_aa ATL8S9284_GENSCAN_predict | zf-c2h2(HMM:0.0043) |
| 17085 | ed_peptide_1_67_aa ATL8C10345_GENSCAN_predi | zf-c3hc4(HMM:0.003) |
| 17086 | cted_peptide_1_248_aa ATL8C10774_GENSCAN_predi | zf-c3hc4(HMM:0.01) |
| 17087 | cted_peptide_1_388_aa ATL8C11241_GENSCAN_predi | zf-c3hc4(HMM:0.0028) |

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| 17088 | cted_peptide_1_416_aa ATL8C11351_GENSCAN_predi | zf-c3hc4(HMM:0.092) |
| 17089 | cted_peptide_2_339_aa ATL8C1175_GENSCAN_predict | zf-c3hc4(HMM:3.3e-11) |
| 17090 | ed_peptide_1_174_aa ATL8C1193_GENSCAN_predict | zf-c3hc4(HMM:0.00015) |
| 17091 | ed_peptide_1_391_aa ATL8C12324_GENSCAN_predi | zf-c3hc4(HMM:9.9e-12) |
| 17092 | cted_peptide_1_215_aa ATL8C12646_GENSCAN_predi | zf-c3hc4(HMM:0.00043) |
| 17093 | cted_peptide_1_129_aa ATL8C12791_GENSCAN_predi | zf-c3hc4(HMM:3.9e-13) |
| 17094 | cted_peptide_2_182_aa ATL8C12959_GENSCAN_predi | zf-c3hc4(HMM:0.21) |
| 17095 | cted_peptide_1_95_aa ATL8C13096_GENSCAN_predi | zf-c3hc4(HMM:1.7e-09) |
| 17096 | cted_peptide_1_182_aa ATL8C13134_GENSCAN_predi | zf-c3hc4(HMM:1e-11) |
| 17097 | cted_peptide_2_369_aa ATL8C13219_GENSCAN_predi | zf-c3hc4(HMM:6e-12) |
| 17098 | cted_peptide_1_220_aa ATL8C13581_GENSCAN_predi | zf-c3hc4(HMM:5e-12) |
| 17099 | cted_peptide_1_189_aa ATL8C13750_GENSCAN_predi | zf-c3hc4(HMM:3.1e-10) |
| 17100 | cted_peptide_1_256_aa ATL8C13754_GENSCAN_predi | zf-c3hc4(HMM:1.2) |
| 17101 | cted_peptide_1_256_aa ATL8C13951_GENSCAN_predi | zf-c3hc4(HMM:3.4e-12) |
| 17102 | cted_peptide_2_180_aa ATL8C14035_GENSCAN_predi | zf-c3hc4(HMM:1e-07) |
| 17103 | cted_peptide_1_152_aa ATL8C14792_GENSCAN_predi | zf-c3hc4(HMM:3.3e-08) |
| 17104 | cted_peptide_1_176_aa ATL8C15192_GENSCAN_predi | zf-c3hc4(HMM:0.001) |
| 17105 | cted_peptide_1_258_aa ATL8C15474_GENSCAN_predi | zf-c3hc4(HMM:3) |
| 17106 | cted_peptide_1_295_aa ATL8C15503_GENSCAN_predi | zf-c3hc4(HMM:0.61) |
| 17107 | cted_peptide_1_220_aa ATL8C15755_GENSCAN_predi | zf-c3hc4(HMM:0.012) |
| 17108 | cted_peptide_1_342_aa ATL8C1585_GENSCAN_predict | zf-c3hc4(HMM:0.00076) |
| 17109 | ed_peptide_2_465_aa ATL8C16440_GENSCAN_predi | zf-c3hc4(HMM:1.8e-06) |
| 17110 | cted_peptide_1_317_aa ATL8C16763_GENSCAN_predi | zf-c3hc4(HMM:0.0016) |
| 17111 | cted_peptide_1_407_aa ATL8C17363_GENSCAN_predi | zf-c3hc4(HMM:9.5e-09) |
| 17112 | cted_peptide_2_378_aa ATL8C17363_GENSCAN_predi | zf-c3hc4(HMM:2.8e-06) |
| 17113 | cted_peptide_3_302_aa ATL8C17741_GENSCAN_predi | zf-c3hc4(HMM:0.0019) |
| 17114 | cted_peptide_1_139_aa ATL8C17766_GENSCAN_predi | zf-c3hc4(HMM:3.8e-12) |

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| 17115 | cted_peptide_1_289_aa ATL8C18017_GENSCAN_predi | zf-c3hc4(HMM:0.79) |
| 17116 | cted_peptide_1_288_aa ATL8C18656_GENSCAN_predi | zf-c3hc4(HMM:1.5e-08) |
| 17117 | cted_peptide_2_86_aa ATL8C19209_GENSCAN_predi | zf-c3hc4(HMM:1.2e-09) |
| 17118 | cted_peptide_2_224_aa ATL8C20148_GENSCAN_predi | zf-c3hc4(HMM:2.7e-05) |
| 17119 | cted_peptide_1_383_aa ATL8C20438_GENSCAN_predi | zf-c3hc4(HMM:0.0077) |
| 17120 | cted_peptide_1_152_aa ATL8C20598_GENSCAN_predi | zf-c3hc4(HMM:2.8e-12) |
| 17121 | cted_peptide_1_515_aa ATL8C21566_GENSCAN_predi | zf-c3hc4(HMM:7.3e-09) |
| 17122 | cted_peptide_1_188_aa ATL8C21572_GENSCAN_predi | zf-c3hc4(HMM:2e-13) |
| 17123 | cted_peptide_1_210_aa ATL8C21672_GENSCAN_predi | zf-c3hc4(HMM:0.0058) |
| 17124 | cted_peptide_1_382_aa ATL8C21741_GENSCAN_predi | zf-c3hc4(HMM:0.094) |
| 17125 | cted_peptide_1_336_aa ATL8C21848_GENSCAN_predi | zf-c3hc4(HMM:6.4e-13) |
| 17126 | cted_peptide_1_180_aa ATL8C22196_GENSCAN_predi | zf-c3hc4(HMM:0.0012) |
| 17127 | cted_peptide_1_289_aa ATL8C22472_GENSCAN_predi | zf-c3hc4(HMM:3.2e-11) |
| 17128 | cted_peptide_1_289_aa ATL8C22512_GENSCAN_predi | zf-c3hc4(HMM:6.1e-13) |
| 17129 | cted_peptide_1_400_aa ATL8C22674_GENSCAN_predi | zf-c3hc4(HMM:0.0025) |
| 17130 | cted_peptide_1_312_aa ATL8C22875_GENSCAN_predi | zf-c3hc4(HMM:0.0011) |
| 17131 | cted_peptide_1_133_aa ATL8C2320_GENSCAN_predict | zf-c3hc4(HMM:1.3) |
| 17132 | ed_peptide_1_444_aa ATL8C2347_GENSCAN_predict | zf-c3hc4(HMM:0.00035) |
| 17133 | ed_peptide_1_162_aa ATL8C23839_GENSCAN_predi | zf-c3hc4(HMM:5.6e-12) |
| 17134 | cted_peptide_1_166_aa ATL8C23979_GENSCAN_predi | zf-c3hc4(HMM:0.034) |
| 17135 | cted_peptide_1_61_aa ATL8C24150_GENSCAN_predi | zf-c3hc4(HMM:5.6e-13) |
| 17136 | cted_peptide_2_122_aa ATL8C24658_GENSCAN_predi | zf-c3hc4(HMM:7.3e-09) |
| 17137 | cted_peptide_1_112_aa ATL8C24880_GENSCAN_predi | zf-c3hc4(HMM:3.4e-14) |
| 17138 | cted_peptide_1_135_aa ATL8C25142_GENSCAN_predi | zf-c3hc4(HMM:0.00066) |
| 17139 | cted_peptide_1_125_aa ATL8C25180_GENSCAN_predi | zf-c3hc4(HMM:0.0034) |
| 17140 | cted_peptide_1_224_aa ATL8C26043_GENSCAN_predi | zf-c3hc4(HMM:8.4e-07) |
| 17141 | cted_peptide_1_597_aa ATL8C26429_GENSCAN_predi | zf-c3hc4(HMM:3e-10) |

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| 17142 | cted_peptide_1_221_aa ATL8C26629_GENSCAN_predi | zf-c3hc4(HMM:0.071) |
| 17143 | cted_peptide_1_248_aa ATL8C26947_GENSCAN_predi | zf-c3hc4(HMM:0.00037) |
| 17144 | cted_peptide_2_1079_aa ATL8C27300_GENSCAN_predi | zf-c3hc4(HMM:0.0013) |
| 17145 | cted_peptide_1_563_aa ATL8C27368_GENSCAN_predi | zf-c3hc4(HMM:7.7e-14) |
| 17146 | cted_peptide_1_322_aa ATL8C27373_GENSCAN_predi | zf-c3hc4(HMM:1.3e-12) |
| 17147 | cted_peptide_2_351_aa ATL8C27465_GENSCAN_predi | zf-c3hc4(HMM:3.3e-06) |
| 17148 | cted_peptide_1_257_aa ATL8C2778_GENSCAN_predict | zf-c3hc4(HMM:0.00034) |
| 17149 | ed_peptide_1_281_aa ATL8C27804_GENSCAN_predi | zf-c3hc4(HMM:0.00018) |
| 17150 | cted_peptide_1_365_aa ATL8C2811_GENSCAN_predict | zf-c3hc4(HMM:2e-13) |
| 17151 | ed_peptide_2_329_aa ATL8C28447_GENSCAN_predi | zf-c3hc4(HMM:0.00078) |
| 17152 | cted_peptide_1_333_aa ATL8C2947_GENSCAN_predict | zf-c3hc4(HMM:7.7e-09) |
| 17153 | ed_peptide_1_285_aa ATL8C30761_GENSCAN_predi | zf-c3hc4(HMM:1.6e-12) |
| 17154 | cted_peptide_1_140_aa ATL8C3085_GENSCAN_predict | zf-c3hc4(HMM:1.3e-05) |
| 17155 | ed_peptide_1_596_aa ATL8C3104_GENSCAN_predict | zf-c3hc4(HMM:1.6e-12) |
| 17156 | ed_peptide_1_404_aa ATL8C3127_GENSCAN_predict | zf-c3hc4(HMM:2.2e-07) |
| 17157 | ed_peptide_1_113_aa ATL8C31457_GENSCAN_predi | zf-c3hc4(HMM:0.021) |
| 17158 | cted_peptide_1_256_aa ATL8C32038_GENSCAN_predi | zf-c3hc4(HMM:7.2e-05) |
| 17159 | cted_peptide_2_220_aa ATL8C32124_GENSCAN_predi | zf-c3hc4(HMM:7.2e-12) |
| 17160 | cted_peptide_1_215_aa ATL8C3227_GENSCAN_predict | zf-c3hc4(HMM:0.072) |
| 17161 | ed_peptide_1_595_aa ATL8C32282_GENSCAN_predi | zf-c3hc4(HMM:1.6e-11) |
| 17162 | cted_peptide_1_210_aa ATL8C3338_GENSCAN_predict | zf-c3hc4(HMM:1.6e-08) |
| 17163 | ed_peptide_1_122_aa ATL8C33864_GENSCAN_predi | zf-c3hc4(HMM:7.2e-10) |
| 17164 | cted_peptide_1_199_aa ATL8C33980_GENSCAN_predi | zf-c3hc4(HMM:7.6e-12) |
| 17165 | cted_peptide_1_132_aa ATL8C3412_GENSCAN_predict | zf-c3hc4(HMM:5.3e-08) |
| 17166 | ed_peptide_2_196_aa ATL8C34476_GENSCAN_predi | zf-c3hc4(HMM:6.9e-12) |
| 17167 | cted_peptide_1_428_aa ATL8C35198_GENSCAN_predi | zf-c3hc4(HMM:0.00088) |
| 17168 | cted_peptide_1_144_aa ATL8C35742_GENSCAN_predi | zf-c3hc4(HMM:0.00052) |

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| 17169 | cted_peptide_1_149_aa ATL8C35888_GENSCAN_predi | zf-c3hc4(HMM:7.5e-13) |
| 17170 | cted_peptide_1_229_aa ATL8C36336_GENSCAN_predi | zf-c3hc4(HMM:7.5e-10) |
| 17171 | cted_peptide_1_230_aa ATL8C36839_GENSCAN_predi | zf-c3hc4(HMM:0.003) |
| 17172 | cted_peptide_1_277_aa ATL8C3704_GENSCAN_predict | zf-c3hc4(HMM:2.1e-10) |
| 17173 | ed_peptide_1_410_aa ATL8C37126_GENSCAN_predi | zf-c3hc4(HMM:3.2e-10) |
| 17174 | cted_peptide_1_106_aa ATL8C3716_GENSCAN_predict | zf-c3hc4(HMM:0.00053) |
| 17175 | ed_peptide_2_263_aa ATL8C37182_GENSCAN_predi | zf-c3hc4(HMM:0.0024) |
| 17176 | cted_peptide_1_437_aa ATL8C37326_GENSCAN_predi | zf-c3hc4(HMM:0.0016) |
| 17177 | cted_peptide_1_226_aa ATL8C37347_GENSCAN_predi | zf-c3hc4(HMM:0.0015) |
| 17178 | cted_peptide_1_255_aa ATL8C37506_GENSCAN_predi | zf-c3hc4(HMM:2.9) |
| 17179 | cted_peptide_1_332_aa ATL8C37735_GENSCAN_predi | zf-c3hc4(HMM:1.7e-09) |
| 17180 | cted_peptide_1_202_aa ATL8C37836_GENSCAN_predi | zf-c3hc4(HMM:0.0016) |
| 17181 | cted_peptide_1_200_aa ATL8C38061_GENSCAN_predi | zf-c3hc4(HMM:6.5e-10) |
| 17182 | cted_peptide_1_355_aa ATL8C38442_GENSCAN_predi | zf-c3hc4(HMM:9.6e-14) |
| 17183 | cted_peptide_1_217_aa ATL8C38953_GENSCAN_predi | zf-c3hc4(HMM:1.7e-07) |
| 17184 | cted_peptide_1_199_aa ATL8C38970_GENSCAN_predi | zf-c3hc4(HMM:4e-06) |
| 17185 | cted_peptide_1_192_aa ATL8C39531_GENSCAN_predi | zf-c3hc4(HMM:2.2e-08) |
| 17186 | cted_peptide_1_98_aa ATL8C39997_GENSCAN_predi | zf-c3hc4(HMM:0.0015) |
| 17187 | cted_peptide_1_64_aa ATL8C40056_GENSCAN_predi | zf-c3hc4(HMM:1.8e-10) |
| 17188 | cted_peptide_1_130_aa ATL8C40599_GENSCAN_predi | zf-c3hc4(HMM:4.9e-14) |
| 17189 | cted_peptide_1_126_aa ATL8C40766_GENSCAN_predi | zf-c3hc4(HMM:0.0051) |
| 17190 | cted_peptide_1_124_aa ATL8C4189_GENSCAN_predict | zf-c3hc4(HMM:9.5e-05) |
| 17191 | ed_peptide_1_124_aa ATL8C41900_GENSCAN_predi | zf-c3hc4(HMM:0.85) |
| 17192 | cted_peptide_1_185_aa ATL8C42271_GENSCAN_predi | zf-c3hc4(HMM:7.3e-08) |
| 17193 | cted_peptide_1_177_aa ATL8C42320_GENSCAN_predi | zf-c3hc4(HMM:0.014) |
| 17194 | cted_peptide_1_97_aa ATL8C42412_GENSCAN_predi | zf-c3hc4(HMM:5.8e-08) |
| 17195 | cted_peptide_1_228_aa ATL8C42699_GENSCAN_predi | zf-c3hc4(HMM:9.5e-14) |

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| 17196 | cted_peptide_1_175_aa ATL8C43163_GENSCAN_predi | zf-c3hc4(HMM:0.03) |
| 17197 | cted_peptide_1_240_aa ATL8C43688_GENSCAN_predi | zf-c3hc4(HMM:0.023) |
| 17198 | cted_peptide_2_908_aa ATL8C436_GENSCAN_predicte | zf-c3hc4(HMM:1.7e-09) |
| 17199 | d_peptide_2_223_aa ATL8C4411_GENSCAN_predict | zf-c3hc4(HMM:0.094) |
| 17200 | ed_peptide_1_352_aa ATL8C44394_GENSCAN_predi | zf-c3hc4(HMM:0.015) |
| 17201 | cted_peptide_1_360_aa ATL8C44636_GENSCAN_predi | zf-c3hc4(HMM:2.5e-09) |
| 17202 | cted_peptide_2_247_aa ATL8C44942_GENSCAN_predi | zf-c3hc4(HMM:3.5e-09) |
| 17203 | cted_peptide_1_287_aa ATL8C45036_GENSCAN_predi | zf-c3hc4(HMM:5.8e-11) |
| 17204 | cted_peptide_1_216_aa ATL8C45357_GENSCAN_predi | zf-c3hc4(HMM:1.8e-11) |
| 17205 | cted_peptide_2_144_aa ATL8C45480_GENSCAN_predi | zf-c3hc4(HMM:9.9e-14) |
| 17206 | cted_peptide_1_323_aa ATL8C45919_GENSCAN_predi | zf-c3hc4(HMM:8.3e-06) |
| 17207 | cted_peptide_1_214_aa ATL8C46488_GENSCAN_predi | zf-c3hc4(HMM:0.00039) |
| 17208 | cted_peptide_1_261_aa ATL8C47016_GENSCAN_predi | zf-c3hc4(HMM:6.6e-12) |
| 17209 | cted_peptide_1_649_aa ATL8C4766_GENSCAN_predict | zf-c3hc4(HMM:0.00049) |
| 17210 | ed_peptide_1_355_aa ATL8C47849_GENSCAN_predi | zf-c3hc4(HMM:4.7e-05) |
| 17211 | cted_peptide_1_171_aa ATL8C48086_GENSCAN_predi | zf-c3hc4(HMM:1.7e-13) |
| 17212 | cted_peptide_3_327_aa ATL8C48208_GENSCAN_predi | zf-c3hc4(HMM:0.038) |
| 17213 | cted_peptide_1_308_aa ATL8C48208_GENSCAN_predi | zf-c3hc4(HMM:1.4e-13) |
| 17214 | cted_peptide_2_425_aa ATL8C4841_GENSCAN_predict | zf-c3hc4(HMM:4.6e-07) |
| 17215 | ed_peptide_1_91_aa ATL8C48440_GENSCAN_predi | zf-c3hc4(HMM:0.72) |
| 17216 | cted_peptide_1_340_aa ATL8C48522_GENSCAN_predi | zf-c3hc4(HMM:5.9e-06) |
| 17217 | cted_peptide_1_165_aa ATL8C48719_GENSCAN_predi | zf-c3hc4(HMM:1.3e-10) |
| 17218 | cted_peptide_1_251_aa ATL8C48938_GENSCAN_predi | zf-c3hc4(HMM:1.1e-06) |
| 17219 | cted_peptide_1_166_aa ATL8C48991_GENSCAN_predi | zf-c3hc4(HMM:0.081) |
| 17220 | cted_peptide_1_206_aa ATL8C49075_GENSCAN_predi | zf-c3hc4(HMM:4.3e-13) |
| 17221 | cted_peptide_1_191_aa ATL8C49268_GENSCAN_predi | zf-c3hc4(HMM:8.7e-05) |
| 17222 | cted_peptide_1_114_aa ATL8C49321_GENSCAN_predi | zf-c3hc4(HMM:0.0028) |

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| 17223 | cted_peptide_2_46_aa ATL8C49511_GENSCAN_predi | zf-c3hc4(HMM:1.3e-09) |
| 17224 | cted_peptide_1_89_aa ATL8C49801_GENSCAN_predi | zf-c3hc4(HMM:1.4e-11) |
| 17225 | cted_peptide_1_405_aa ATL8C49906_GENSCAN_predi | zf-c3hc4(HMM:1.6e-09) |
| 17226 | cted_peptide_1_207_aa ATL8C50119_GENSCAN_predi | zf-c3hc4(HMM:1.3e-12) |
| 17227 | cted_peptide_1_697_aa ATL8C5221_GENSCAN_predict | zf-c3hc4(HMM:0.0095) |
| 17228 | ed_peptide_1_391_aa ATL8C5808_GENSCAN_predict | zf-c3hc4(HMM:2.6e-14) |
| 17229 | ed_peptide_1_150_aa ATL8C5815_GENSCAN_predict | zf-c3hc4(HMM:8.5e-14) |
| 17230 | ed_peptide_1_344_aa ATL8C5950_GENSCAN_predict | zf-c3hc4(HMM:0.096) |
| 17231 | ed_peptide_1_992_aa ATL8C5999_GENSCAN_predict | zf-c3hc4(HMM:3.2e-08) |
| 17232 | ed_peptide_1_96_aa ATL8C6265_GENSCAN_predict | zf-c3hc4(HMM:5.5e-10) |
| 17233 | ed_peptide_1_236_aa ATL8C6505_GENSCAN_predict | zf-c3hc4(HMM:1.2) |
| 17234 | ed_peptide_1_342_aa ATL8C6775_GENSCAN_predict | zf-c3hc4(HMM:0.023) |
| 17235 | ed_peptide_3_97_aa ATL8C6835_GENSCAN_predict | zf-c3hc4(HMM:4.6e-05) |
| 17236 | ed_peptide_1_59_aa ATL8C6945_GENSCAN_predict | zf-c3hc4(HMM:1.2e-13) |
| 17237 | ed_peptide_1_310_aa ATL8C7280_GENSCAN_predict | zf-c3hc4(HMM:1.9e-14) |
| 17238 | ed_peptide_1_271_aa ATL8C8546_GENSCAN_predict | zf-c3hc4(HMM:6.6e-08) |
| 17239 | ed_peptide_1_140_aa ATL8C8670_GENSCAN_predict | zf-c3hc4(HMM:1.1e-12) |
| 17240 | ed_peptide_1_258_aa ATL8C8985_GENSCAN_predict | zf-c3hc4(HMM:7e-10) |
| 17241 | ed_peptide_2_99_aa ATL8C9205_GENSCAN_predict | zf-c3hc4(HMM:7.9e-09) |
| 17242 | ed_peptide_1_223_aa ATL8C9206_GENSCAN_predict | zf-c3hc4(HMM:1.1e-08) |
| 17243 | ed_peptide_1_166_aa ATL8C949_GENSCAN_predicte | zf-c3hc4(HMM:0.0019) |
| 17244 | d_peptide_1_199_aa ATL8S10692_GENSCAN_predi | zf-c3hc4(HMM:1.6e-07) |
| 17245 | cted_peptide_1_82_aa ATL8S16102_GENSCAN_predi | zf-c3hc4(HMM:0.0023) |
| 17246 | cted_peptide_1_101_aa ATL8S16281_GENSCAN_predi | zf-c3hc4(HMM:0.0072) |
| 17247 | cted_peptide_1_86_aa ATL8S1940_GENSCAN_predict | zf-c3hc4(HMM:1.1e-05) |
| 17248 | ed_peptide_1_124_aa ATL8S19710_GENSCAN_predi | zf-c3hc4(HMM:5.3e-12) |
| 17249 | cted_peptide_1_170_aa ATL8S26009_GENSCAN_predi | zf-c3hc4(HMM:0.0016) |

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| 17250 | cted_peptide_1_85_aa ATL8S5207_GENSCAN_predict | zf-c3hc4(HMM:1.5e-06) |
| 17251 | ed_peptide_1_142_aa ATL8C20407_GENSCAN_predi | zf-c3hc4(HMM:2.1e-07),zf- |
| 17252 | cted_peptide_1_394_aa ATL8C30724_GENSCAN_predi | ccch(HMM:0.032) zf-c3hc4(HMM:0.0083),zf- |
| 17253 | cted_peptide_1_378_aa ATL8C35125_GENSCAN_predi | ccch(HMM:2.1e-10) zf-c3hc4(HMM:4.6e-07),zf- |
| 17254 | cted_peptide_2_308_aa ATL8C10380_GENSCAN_predi | ccch(HMM:2.1e-07) zf-ccch(HMM:5.8e-10) |
| 17255 | cted_peptide_1_216_aa ATL8C14994_GENSCAN_predi | zf-ccch(HMM:2.4e-20) |
| 17256 | cted_peptide_1_452_aa ATL8C16403_GENSCAN_predi | zf-ccch(HMM:0.0033) |
| 17257 | cted_peptide_1_397_aa ATL8C22058_GENSCAN_predi | zf-ccch(HMM:0.0067) |
| 17258 | cted_peptide_1_54_aa ATL8C2339_GENSCAN_predict | zf-ccch(HMM:0.0015) |
| 17259 | ed_peptide_1_159_aa ATL8C2965_GENSCAN_predict | zf-ccch(HMM:3.5e-07) |
| 17260 | ed_peptide_1_160_aa ATL8C32403_GENSCAN_predi | zf-ccch(HMM:6.5e-05) |
| 17261 | cted_peptide_1_144_aa ATL8C34201_GENSCAN_predi | zf-ccch(HMM:0.0079) |
| 17262 | cted_peptide_1_278_aa ATL8C35150_GENSCAN_predi | zf-ccch(HMM:0.0078) |
| 17263 | cted_peptide_1_130_aa ATL8C36239_GENSCAN_predi | zf-ccch(HMM:0.043) |
| 17264 | cted_peptide_2_720_aa ATL8C39223_GENSCAN_predi | zf-ccch(HMM:0.017) |
| 17265 | cted_peptide_1_68_aa ATL8C4098_GENSCAN_predict | zf-ccch(HMM:0.00014) |
| 17266 | ed_peptide_1_317_aa ATL8C45116_GENSCAN_predi | zf-ccch(HMM:0.0003) |
| 17267 | cted_peptide_1_93_aa ATL8C4540_GENSCAN_predict | zf-ccch(HMM:3.1e-24) |
| 17268 | ed_peptide_1_384_aa ATL8C45666_GENSCAN_predi | zf-ccch(HMM:1e-10) |
| 17269 | cted_peptide_1_190_aa ATL8C46093_GENSCAN_predi | zf-ccch(HMM:0.0014) |
| 17270 | cted_peptide_1_277_aa ATL8C47087_GENSCAN_predi | zf-ccch(HMM:0.00051) |
| 17271 | cted_peptide_1_262_aa ATL8C48660_GENSCAN_predi | zf-ccch(HMM:0.0055) |
| 17272 | cted_peptide_1_151_aa ATL8C48934_GENSCAN_predi | zf-ccch(HMM:1.5e-13) |
| 17273 | cted_peptide_1_336_aa ATL8C903_GENSCAN_predicte | zf-ccch(HMM:7.8e-19) |
| 17274 | d_peptide_1_251_aa ATL8C9324_GENSCAN_predict | zf-ccch(HMM:2.6e-09) |
| 17275 | ed_peptide_1_283_aa ATL8S23811_GENSCAN_predi | zf-ccch(HMM:6.8e-05) |
| 17276 | cted_peptide_1_105_aa ATL8S9288_GENSCAN_predict | zf-ccch(HMM:0.032) |

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| 17277 | ed_peptide_1_102_aa ATL8C20228_GENSCAN_predi | zf-constans(HMM:4.8) |
| 17278 | cted_peptide_1_80_aa ATL8C44589_GENSCAN_predi | zf-constans(HMM:3e-10) |
| 17279 | cted_peptide_2_225_aa ATL8C4639_GENSCAN_predict | zf-constans(HMM:3.8e-15) |
| 17280 | ed_peptide_1_166_aa ATL8C47097_GENSCAN_predi | zf-constans(HMM:3.2e-17) |
| 17281 | cted_peptide_1_64_aa ATL8C18816_GENSCAN_predi | zf-mynd(HMM:6.1e-05) |
| 17282 | cted_peptide_1_385_aa ATL8C3410_GENSCAN_predict | zf-mynd(HMM:0.0055) |
| 17283 | ed_peptide_1_269_aa ATL8C4203_GENSCAN_predict | zf-mynd(HMM:0.34) |
| 17284 | ed_peptide_1_365_aa ATL8C42164_GENSCAN_predi | zf-mynd(HMM:2.5e-16) |
| 17285 | cted_peptide_1_243_aa ATL8C7875_GENSCAN_predict | zf-nf-x1(HMM:1.4e-10) |
| 17286 | ed_peptide_1_654_aa ATL8C14433_GENSCAN_predi | zz(HMM:1e-07) |
| 17287 | cted_peptide_1_3271_aa ATL8C33755_GENSCAN_predi | zz(HMM:1.5e-15) |
| 17288 | cted_peptide_1_322_aa ATL8C36482_GENSCAN_predi | zz(HMM:7.3e-17) |
| 17289 | cted_peptide_1_135_aa ATL8C36506_GENSCAN_predi | zz(HMM:0.024) |
| 17290 | cted_peptide_1_333_aa ATL8C37446_GENSCAN_predi | zz(HMM:3.1e-08) |
| 17291 | cted_peptide_1_173_aa ATL8C49605_GENSCAN_predi | zz(HMM:2.2e-18) |
| | cted_peptide_1_901_aa | |

Table 11 Nucleic acid sequences encoding transcription factors from rice

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|----------------------------|-----------------------|
| 17292 | OJ000110_02.0330.C79.p1.gs | 14-3-3(HMM:0.0029) |
| 17293 | OJ000110_02.0330.C80.p1.gs | 14-3-3(HMM:3.1e-09) |
| 17294 | OJ000110_02.0426.C79.p1.gs | 14-3-3(HMM:0.0029) |
| 17295 | OJ000110_02.0426.C80.p1.gs | 14-3-3(HMM:3.1e-09) |
| 17296 | OJ000112_18.0224.C2.p5.gs | 14-3-3(HMM:4.3e-178) |
| 17297 | OJ000112_18.0426.C2.p5.gs | 14-3-3(HMM:4.3e-178) |
| 17298 | OJ000113_01.0331.C3.p2.gs | 14-3-3(HMM:1.2e-16) |
| 17299 | OJ000113_01.0426.C3.p2.gs | 14-3-3(HMM:1.2e-16) |
| 17300 | OJ000250_48.0211.C7.p2.gs | 14-3-3(HMM:2.1e-134) |
| 17301 | OJ990412_09.9923.C13.p1.gs | 14-3-3(HMM:1.1e-167) |
| 17302 | OJ990429_08.9C23.C17.p7.gs | 14-3-3(HMM:7.4e-09) |
| 17303 | OJ990518_02.9B16.C45.p1.gs | 14-3-3(HMM:1.6e-28) |
| 17304 | OJ990518_02.9B16.C47.p1.gs | 14-3-3(HMM:0.00077) |
| 17305 | OJ990518_02.9B16.C48.p1.gs | 14-3-3(HMM:2.6e-11) |
| 17306 | OJ990615_05.9C14.C20.p1.gs | 14-3-3(HMM:5.5e-42) |
| 17307 | OJ990615_05.9C14.C21.p1.gs | 14-3-3(HMM:3e-31) |
| 17308 | OJ990615_06.9926.C26.p1.gs | 14-3-3(HMM:1.5e-35) |
| 17309 | OJ990709_02.0207.C11.p4.gs | 14-3-3(HMM:5.8e-170) |
| 17310 | OJ990729_13.9A05.C1.p8.gs | 14-3-3(HMM:4.3e-178) |
| 17311 | OJ990803_09.9B05.C2.p2.gs | 14-3-3(HMM:6.1e-181) |
| 17312 | OJ991108_17.0417.C36.p1.gs | 14-3-3(HMM:8.6e-94) |
| 17313 | OJ991108_19.0419.C55.p1.gs | 14-3-3(HMM:7.4e-29) |
| 17314 | OJ991118_17.0421.C10.p2.gs | 14-3-3(HMM:2.7e-10) |
| 17315 | OJ991118_17.9C22.C10.p2.gs | 14-3-3(HMM:2.7e-10) |
| 17316 | OJ991206_14.0215.C3.p1.gs | 14-3-3(HMM:7.4e-09) |
| 17317 | OJ000105_16.0204.C22.p1.gs | ank(HMM:2.4e-05) |
| 17318 | OJ000105_16.0426.C22.p1.gs | ank(HMM:2.4e-05) |
| 17319 | OJ000106_08.0222.C34.p3.gs | ank(HMM:7.9e-11) |
| 17320 | OJ000106_08.0222.C34.p4.gs | ank(HMM:3.4e-08) |
| 17321 | OJ000106_08.0222.C36.p1.gs | ank(HMM:8.7e-14) |
| 17322 | OJ000106_08.0222.C36.p3.gs | ank(HMM:8.7e-11) |
| 17323 | OJ000106_08.0222.C37.p1.gs | ank(HMM:2.6e-18) |
| 17324 | OJ000106_08.0317.C12.p1.gs | ank(HMM:3.4e-08) |
| 17325 | OJ000106_08.0317.C12.p2.gs | ank(HMM:7.9e-11) |
| 17326 | OJ000106_08.0317.C8.p3.gs | ank(HMM:2.6e-18) |
| 17327 | OJ000106_08.0317.C9.p2.gs | ank(HMM:8.7e-11) |
| 17328 | OJ000106_08.0317.C9.p4.gs | ank(HMM:8.7e-14) |
| 17329 | OJ000106_08.0426.C12.p1.gs | ank(HMM:3.4e-08) |
| 17330 | OJ000106_08.0426.C12.p2.gs | ank(HMM:7.9e-11) |
| 17331 | OJ000106_08.0426.C8.p3.gs | ank(HMM:2.6e-18) |
| 17332 | OJ000106_08.0426.C9.p2.gs | ank(HMM:8.7e-11) |
| 17333 | OJ000106_08.0426.C9.p4.gs | ank(HMM:8.7e-14) |
| 17334 | OJ000107_10.0215.C31.p1.gs | ank(HMM:1.1e-23) |
| 17335 | OJ000107_10.0215.C6.p2.gs | ank(HMM:8.4e-22) |
| 17336 | OJ000107_10.0426.C31.p1.gs | ank(HMM:1.1e-23) |
| 17337 | OJ000107_10.0426.C6.p2.gs | ank(HMM:8.4e-22) |
| 17338 | OJ000112_15.0214.C8.p3.gs | ank(HMM:3.9e-26) |
| 17339 | OJ000112_15.0310.C8.p3.gs | ank(HMM:3.9e-26) |
| 17340 | OJ000112_15.0426.C8.p3.gs | ank(HMM:3.9e-26) |
| 17341 | OJ000112_19.0225.C8.p1.gs | ank(HMM:0.036) |
| 17342 | OJ000113_02.0211.C3.p4.gs | ank(HMM:4.7e-06) |
| 17343 | OJ000113_02.0426.C3.p4.gs | ank(HMM:4.7e-06) |

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| 17452 | OJ990519_26.9C03.C5.p3.gs | ank(HMM:6e-32) |
| 17453 | OJ990519_29.9B05.C1.p8.gs | ank(HMM:1.1e-10) |
| 17454 | OJ990527_03.9C03.C37.p1.gs | ank(HMM:1.2e-06) |
| 17455 | OJ990527_03.9C03.C39.p1.gs | ank(HMM:2.7e-11) |
| 17456 | OJ990527_04.9C17.C7.p1.gs | ank(HMM:1.1e-12) |
| 17457 | OJ990530_44.9819.C1.p3.gs | ank(HMM:2.7e-15) |
| 17458 | OJ990531_43.9C03.C8.p1.gs | ank(HMM:1.6e-17) |
| 17459 | OJ990617_03.9922.C3.p2.gs | ank(HMM:0.025) |
| 17460 | OJ990618_03.9B19.C17.p1.gs | ank(HMM:4.7e-13) |
| 17461 | OJ990619_45.9C20.C2.p1.gs | ank(HMM:9.6e-26) |
| 17462 | OJ990626_40.0211.C20.p1.gs | ank(HMM:4.8e-25) |
| 17463 | OJ990630_04.9C01.C12.p2.gs | ank(HMM:1.1e-17) |
| 17464 | OJ990703_47.9C16.C4.p7.gs | ank(HMM:1.1e-23) |
| 17465 | OJ990703_47.9C16.C6.p1.gs | ank(HMM:6e-07) |
| 17466 | OJ990706_01.9921.C42.p1.gs | ank(HMM:1.2e-06) |
| 17467 | OJ990706_01.9921.C9.p1.gs | ank(HMM:6.6e-09) |
| 17468 | OJ990709_01.9919.C8.p1.gs | ank(HMM:3.5e-12) |
| 17469 | OJ990709_12.9A11.C7.p1.gs | ank(HMM:1.4e-08) |
| 17470 | OJ990721_03.9C10.C7.p2.gs | ank(HMM:8.7e-09) |
| 17471 | OJ990722_13.9C03.C6.p1.gs | ank(HMM:1.9e-23) |
| 17472 | OJ990728_03.9C13.C20.p1.gs | ank(HMM:3.4e-10) |
| 17473 | OJ990807_31.0419.C5.p1.gs | ank(HMM:9e-11) |
| 17474 | OJ990807_32.0211.C7.p3.gs | ank(HMM:1.5e-47) |
| 17475 | OJ990810_05.9B08.C10.p1.gs | ank(HMM:4.8e-24) |
| 17476 | OJ990810_05.9B08.C19.p1.gs | ank(HMM:5.6e-06) |
| 17477 | OJ990810_05.9B08.C2.p1.gs | ank(HMM:1.4e-11) |
| 17478 | OJ990810_05.9B08.C4.p1.gs | ank(HMM:0.00084) |
| 17479 | OJ990815_36.9B15.C2.p3.gs | ank(HMM:1.3e-16) |
| 17480 | OJ990817_07.9A01.C3.p3.gs | ank(HMM:6e-32) |
| 17481 | OJ990827_09.0103.C18.p1.gs | ank(HMM:6.3e-08) |
| 17482 | OJ990913_16.0421.C8.p1.gs | ank(HMM:4.8e-20) |
| 17483 | OJ990923_05.9B16.C2.p3.gs | ank(HMM:2.2e-19) |
| 17484 | OJ991001_03.0107.C5.p1.gs | ank(HMM:3.1e-14) |
| 17485 | OJ991007_03.0421.C3.p4.gs | ank(HMM:1.1e-17) |
| 17486 | OJ991007_03.9C27.C3.p4.gs | ank(HMM:1.1e-17) |
| 17487 | OJ991008_18.0106.C10.p2.gs | ank(HMM:0.0002) |
| 17488 | OJ991008_18.0106.C12.p1.gs | ank(HMM:3.4e-08) |
| 17489 | OJ991008_18.0106.C12.p2.gs | ank(HMM:1.4e-10) |
| 17490 | OJ991014_02.0110.C52.p1.gs | ank(HMM:0.11) |
| 17491 | OJ991019_09.0211.C10.p2.gs | ank(HMM:1.6e-50) |
| 17492 | OJ991020_16.0218.C2.p2.gs | ank(HMM:6e-30) |
| 17493 | OJ991021_06.0218.C10.p2.gs | ank(HMM:3.8e-21) |
| 17494 | OJ991022_08.0308.C34.p1.gs | ank(HMM:1.9e-36) |
| 17495 | OJ991022_14.0119.C16.p3.gs | ank(HMM:2.6e-15) |
| 17496 | OJ991022_14.0119.C6.p3.gs | ank(HMM:1.7e-40) |
| 17497 | OJ991022_14.0119.C7.p1.gs | ank(HMM:9.1e-12) |
| 17498 | OJ991022_14.0119.C9.p3.gs | ank(HMM:2.2e-42) |
| 17499 | OJ991026_09.0222.C19.p1.gs | ank(HMM:3e-06) |
| 17500 | OJ991027_15.0118.C9.p4.gs | ank(HMM:1.9e-23) |
| 17501 | OJ991027_15.0303.C7.p4.gs | ank(HMM:1.9e-23) |
| 17502 | OJ991027_17.0118.C20.p4.gs | ank(HMM:8.7e-09) |
| 17503 | OJ991029_14.0229.C25.p2.gs | ank(HMM:5.9e-06) |
| 17504 | OJ991029_14.0229.C31.p1.gs | ank(HMM:2.7e-05) |
| 17505 | OJ991101_03.0218.C10.p1.gs | ank(HMM:0.025) |

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| 17506 | OJ991107_37.0113.C73.p3.gs | ank(HMM:3e-06) |
| 17507 | OJ991107_37.0421.C73.p3.gs | ank(HMM:3e-06) |
| 17508 | OJ991107_39.9C17.C9.p1.gs | ank(HMM:8.7e-21) |
| 17509 | OJ991110_01.0218.C15.p1.gs | ank(HMM:8.7e-10) |
| 17510 | OJ991110_01.0218.C16.p2.gs | ank(HMM:1.3e-09) |
| 17511 | OJ991110_02.0225.C4.p2.gs | ank(HMM:2.2e-19) |
| 17512 | OJ991110_06.0330.C4.p1.gs | ank(HMM:6e-32) |
| 17513 | OJ991110_06.0330.C4.p4.gs | ank(HMM:3.1e-14) |
| 17514 | OJ991112_18.0419.C1.p1.gs | ank(HMM:0.0002) |
| 17515 | OJ991112_18.0419.C2.p2.gs | ank(HMM:1.5e-10) |
| 17516 | OJ991112_18.0419.C34.p1.gs | ank(HMM:4e-10) |
| 17517 | OJ991112_18.0419.C43.p1.gs | ank(HMM:0.019) |
| 17518 | OJ991117_10.0421.C10.p3.gs | ank(HMM:3.6e-19) |
| 17519 | OJ991117_10.9C21.C9.p3.gs | ank(HMM:3.6e-19) |
| 17520 | OJ991122_09.0330.C21.p1.gs | ank(HMM:1.1e-17) |
| 17521 | OJ991122_10.0419.C43.p3.gs | ank(HMM:3.4e-22) |
| 17522 | OJ991208_04.0128.C3.p1.gs | ank(HMM:9.1e-10) |
| 17523 | OJ991209_10.0119.C14.p3.gs | ank(HMM:2e-41) |
| 17524 | OJ991209_13.0301.C3.p10.gs | ank(HMM:2.9e-05) |
| 17525 | OJ991209_15.0222.C1.p2.gs | ank(HMM:6e-23) |
| 17526 | OJ991210_01.0110.C4.p6.gs | ank(HMM:1.4e-17) |
| 17527 | OJ991210_06.0110.C7.p1.gs | ank(HMM:0.0011) |
| 17528 | OJ991214_16.0111.C6.p1.gs | ank(HMM:9.2e-34) |
| 17529 | OJ991217_08.0202.C5.p2.gs | ank(HMM:3.7e-19) |
| 17530 | OJ991217_20.0218.C15.p1.gs | ank(HMM:0.24) |
| 17531 | OJ991225_73.0317.C13.p1.gs | ank(HMM:5.8e-24) |
| 17532 | OJ991226_50.0317.C3.p2.gs | ank(HMM:2.7e-25) |
| 17533 | OJ000150_05.0124.C10.p3.gs | ank(HMM:1.5e-12),btb(HMM:8.5e-15) |
| 17534 | OJ000150_05.0421.C9.p3.gs | ank(HMM:1.5e-12),btb(HMM:8.5e-15) |
| 17535 | OJ000303_05.0410.C4.p3.gs | ank(HMM:3.5e-12),btb(HMM:0.001) |
| 17536 | OJ990410_27.9922.C7.p5.gs | ank(HMM:2.2e-17),chromo(HMM:7.3e-07) |
| 17537 | OJ000302_08.0410.C6.p1.gs | ank(HMM:0.18),sbpb(HMM:1.3e-11) |
| 17538 | OJ000118_13.0419.C26.p1.gs | ank(HMM:6.5e-29),zf-c3hc4(HMM:1.4e-11) |
| 17539 | OJ000315_06.0413.C19.p2.gs | ank(HMM:2e-24),zf-c3hc4(HMM:0.008) |
| 17540 | OJ000315_06.0420.C6.p2.gs | ank(HMM:2e-24),zf-c3hc4(HMM:0.008) |
| 17541 | OJ991112_11.0421.C4.p2.gs | ank(HMM:6.1e-37),zf-c3hc4(HMM:0.068) |
| 17542 | OJ991112_11.9C22.C4.p2.gs | ank(HMM:6.1e-37),zf-c3hc4(HMM:0.068) |
| 17543 | OJ990517_24.9A01.C42.p2.gs | ank(HMM:0.0016),zf-ccch(HMM:0.065) |
| 17544 | OJ990630_02.9C01.C11.p3.gs | ank(HMM:3.9e-12),zf-ccch(HMM:0.0075) |
| 17545 | OJ990830_12.9C03.C1.p1.gs | ank(HMM:1.2e-06),zf-ccch(HMM:0.073) |
| 17546 | OJ991014_01.0111.C15.p2.gs | ank(HMM:3.9e-12),zf- |

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| 17653 | OJ000450_10.0411.C3.p3.gs | ap2-domain(HMM:2e-31) |
| 17654 | OJ000450_10.0411.C3.p9.gs | ap2-domain(HMM:5.9e-29) |
| 17655 | OJ990222_08.0420.C14.p1.gs | ap2-domain(HMM:1e-34) |
| 17656 | OJ990222_08.9819.C24.p1.gs | ap2-domain(HMM:1e-34) |
| 17657 | OJ990324_03.0419.C24.p1.gs | ap2-domain(HMM:0.00015) |
| 17658 | OJ990324_03.0419.C60.p1.gs | ap2-domain(HMM:1.2e-10) |
| 17659 | OJ990325_01.9C03.C29.p1.gs | ap2-domain(HMM:1.4e-15) |
| 17660 | OJ990325_04.0114.C8.p2.gs | ap2-domain(HMM:2e-31) |
| 17661 | OJ990405_01.9A01.C13.p1.gs | ap2-domain(HMM:8.4e-22) |
| 17662 | OJ990414_09.9922.C36.p1.gs | ap2-domain(HMM:3.6e-44) |
| 17663 | OJ990428_02.9A29.C15.p2.gs | ap2-domain(HMM:3.3e-32) |
| 17664 | OJ990430_35.9922.C9.p3.gs | ap2-domain(HMM:1.1e-22) |
| 17665 | OJ990501_20.9819.C16.p2.gs | ap2-domain(HMM:7.1e-38) |
| 17666 | OJ990501_21.9922.C6.p2.gs | ap2-domain(HMM:2.8e-27) |
| 17667 | OJ990501_23.9C03.C4.p3.gs | ap2-domain(HMM:3.9e-41) |
| 17668 | OJ990503_06.9C10.C45.p1.gs | ap2-domain(HMM:1.5e-33) |
| 17669 | OJ990504_06.9C17.C2.p1.gs | ap2-domain(HMM:2.2e-38) |
| 17670 | OJ990505_05.9A11.C31.p5.gs | ap2-domain(HMM:0.00083) |
| 17671 | OJ990531_32.9A01.C10.p2.gs | ap2-domain(HMM:6.7e-35) |
| 17672 | OJ990612_35.0103.C6.p1.gs | ap2-domain(HMM:8.1e-40) |
| 17673 | OJ990626_41.9B16.C3.p2.gs | ap2-domain(HMM:1.9e-27) |
| 17674 | OJ990626_41.9B16.C5.p2.gs | ap2-domain(HMM:1.6e-20) |
| 17675 | OJ990713_02.9C10.C4.p1.gs | ap2-domain(HMM:1.4e-38) |
| 17676 | OJ990721_10.0211.C12.p1.gs | ap2-domain(HMM:0.24) |
| 17677 | OJ990804_05.9B12.C22.p2.gs | ap2-domain(HMM:0.34) |
| 17678 | OJ990807_34.9C17.C39.p1.gs | ap2-domain(HMM:0.9) |
| 17679 | OJ990816_07.0225.C11.p1.gs | ap2-domain(HMM:8) |
| 17680 | OJ990816_07.0225.C5.p2.gs | ap2-domain(HMM:7.6) |
| 17681 | OJ990818_13.0217.C16.p1.gs | ap2-domain(HMM:5e-34) |
| 17682 | OJ990818_13.0317.C26.p1.gs | ap2-domain(HMM:5e-34) |
| 17683 | OJ990819_11.9C17.C35.p1.gs | ap2-domain(HMM:0.0028) |
| 17684 | OJ990823_02.9B15.C13.p2.gs | ap2-domain(HMM:0.00035) |
| 17685 | OJ990830_09.9C23.C19.p3.gs | ap2-domain(HMM:2.3e-25) |
| 17686 | OJ990914_01.9B05.C7.p1.gs | ap2-domain(HMM:6.8e-12) |
| 17687 | OJ990914_16.0207.C6.p3.gs | ap2-domain(HMM:1.6e-20) |
| 17688 | OJ990915_04.9B04.C10.p2.gs | ap2-domain(HMM:1.1e-13) |
| 17689 | OJ990924_06.9C01.C14.p1.gs | ap2-domain(HMM:1.6e-40) |
| 17690 | OJ990927_04.9B22.C8.p2.gs | ap2-domain(HMM:6.9e-41) |
| 17691 | OJ991001_01.0119.C11.p1.gs | ap2-domain(HMM:3.9e-40) |
| 17692 | OJ991021_11.0218.C9.p2.gs | ap2-domain(HMM:8.6e-53) |
| 17693 | OJ991026_16.0118.C14.p1.gs | ap2-domain(HMM:1.4e-36) |
| 17694 | OJ991107_31.0204.C9.p2.gs | ap2-domain(HMM:2.6e-40) |
| 17695 | OJ991107_41.0128.C4.p3.gs | ap2-domain(HMM:0.00037) |
| 17696 | OJ991109_11.0207.C12.p1.gs | ap2-domain(HMM:2.7e-22) |
| 17697 | OJ991112_01.0403.C16.p5.gs | ap2-domain(HMM:1.6e-54) |
| 17698 | OJ991112_15.0104.C17.p2.gs | ap2-domain(HMM:1.4e-36) |
| 17699 | OJ991113_39.0419.C11.p1.gs | ap2-domain(HMM:8e-17) |
| 17700 | OJ991114_41.9C06.C3.p2.gs | ap2-domain(HMM:1.8e-37) |
| 17701 | OJ991114_43.9C08.C4.p1.gs | ap2-domain(HMM:0.34) |
| 17702 | OJ991114_45.0419.C94.p1.gs | ap2-domain(HMM:1.9e-11) |
| 17703 | OJ991116_02.0215.C7.p1.gs | ap2-domain(HMM:3.8e-34) |
| 17704 | OJ991117_12.0421.C16.p4.gs | ap2-domain(HMM:2.5e-23) |
| 17705 | OJ991119_05.0207.C8.p2.gs | ap2-domain(HMM:6.3e-16) |
| 17706 | OJ991210_10.0110.C28.p2.gs | ap2-domain(HMM:7.1e-25) |

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| 17707 | OJ991211_65.0317.C12.p2.gs | ap2-domain(HMM:0.00069) |
| 17708 | OJ991216_11.0113.C5.p4.gs | ap2-domain(HMM:0.00032) |
| 17709 | OJ991217_12.0204.C35.p1.gs | ap2-domain(HMM:0.024) |
| 17710 | OJ000103_10.0215.C11.p1.gs | ap2-domain(HMM:6.8e-26),arf(HMM:5.6),b3(HMM:4.9e-43) |
| 17711 | OJ000103_10.0426.C11.p1.gs | ap2-domain(HMM:6.8e-26),arf(HMM:5.6),b3(HMM:4.9e-43) |
| 17712 | OJ991021_17.0125.C8.p5.gs | ap2-domain(HMM:6.8e-26),arf(HMM:5.6),b3(HMM:4.9e-43) |
| 17713 | OJ000103_10.0215.C16.p1.gs | ap2-domain(HMM:1e-23),b3(HMM:4.5e-40) |
| 17714 | OJ000103_10.0426.C16.p1.gs | ap2-domain(HMM:1e-23),b3(HMM:4.5e-40) |
| 17715 | OJ991021_17.0125.C3.p4.gs | ap2-domain(HMM:1e-23),b3(HMM:4.5e-40) |
| 17716 | OJ991121_39.0229.C39.p6.gs | ap2-domain(HMM:1.4e-33),set(HMM:5.5e-07) |
| 17717 | OJ000321_21.0419.C10.p1.gs | ap2-domain(HMM:2.2e-36),zfcchc(HMM:6e-06) |
| 17718 | OJ000310_04.0419.C36.p1.gs | arf(HMM:9e-20) |
| 17719 | OJ000330_01.0424.C5.p1.gs | arf(HMM:5.7e-09) |
| 17720 | OJ991122_05.0210.C20.p1.gs | arf(HMM:3.4e-07) |
| 17721 | OJ991122_05.0210.C25.p1.gs | arf(HMM:8.8e-07) |
| 17722 | OJ991122_05.0303.C19.p3.gs | arf(HMM:8.8e-07) |
| 17723 | OJ991122_05.0303.C23.p3.gs | arf(HMM:3.4e-07) |
| 17724 | OJ991122_05.0421.C19.p3.gs | arf(HMM:8.8e-07) |
| 17725 | OJ991122_05.0421.C23.p3.gs | arf(HMM:3.4e-07) |
| 17726 | OJ000125_05.0316.C9.p1.gs | arf(HMM:5.7e-120),b3(HMM:1.1e-43) |
| 17727 | OJ000217_13.0320.C10.p1.gs | arf(HMM:2.6e-279),b3(HMM:8.5e-49) |
| 17728 | OJ000223_03.0330.C17.p1.gs | arf(HMM:4e-21),b3(HMM:1.7e-12) |
| 17729 | OJ000250_39.0223.C7.p1.gs | arf(HMM:3.6e-15),b3(HMM:3.2e-35) |
| 17730 | OJ000302_05.0406.C12.p1.gs | arf(HMM:6.6e-165),b3(HMM:2.7e-51) |
| 17731 | OJ000310_04.0419.C16.p1.gs | arf(HMM:5.9e-52),b3(HMM:1.8e-60) |
| 17732 | OJ000320_29.0419.C32.p1.gs | arf(HMM:0.016),b3(HMM:3e-12) |
| 17733 | OJ000330_03.0419.C1.p1.gs | arf(HMM:2.4e-13),b3(HMM:0.00024) |
| 17734 | OJ000330_35.0419.C24.p1.gs | arf(HMM:2.2e-127),b3(HMM:1.1e-43) |
| 17735 | OJ000331_01.0419.C1.p2.gs | arf(HMM:6.6e-165),b3(HMM:2.7e-51) |
| 17736 | OJ000404_33.0424.C14.p1.gs | arf(HMM:4.1e-55),b3(HMM:1e-46) |
| 17737 | OJ990203_05.9819.C2.p4.gs | arf(HMM:1.2e-107),b3(HMM:8.8e-23) |

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| 17738 | OJ990311_14.9819.C1.p1.gs | arf(HMM:1.3e-13),b3(HMM:0.00026) |
| 17739 | OJ990311_14.9819.C1.p2.gs | arf(HMM:9.6e-14),b3(HMM:5.8e-19) |
| 17740 | OJ990515_23.9A07.C8.p1.gs | arf(HMM:8.2e-10),b3(HMM:1.8e-10) |
| 17741 | OJ990515_23.9A07.C8.p13.gs | arf(HMM:9.4e-10),b3(HMM:3.5e-07) |
| 17742 | OJ990515_23.9A07.C8.p2.gs | arf(HMM:1.3e-13),b3(HMM:0.00026) |
| 17743 | OJ990515_23.9A07.C8.p3.gs | arf(HMM:1.3e-12),b3(HMM:3.3e-13) |
| 17744 | OJ990529_36.9A05.C5.p2.gs | arf(HMM:3.2e-14),b3(HMM:0.00036) |
| 17745 | OJ990708_04.9A01.C8.p7.gs | arf(HMM:3.3e-105),b3(HMM:1.1) |
| 17746 | OJ990713_07.0419.C6.p1.gs | arf(HMM:2.9e-134),b3(HMM:1.4e-46) |
| 17747 | OJ990730_05.9C17.C17.p1.gs | arf(HMM:4.8e-169),b3(HMM:1.8e-60) |
| 17748 | OJ990805_01.9B19.C6.p1.gs | arf(HMM:2.4e-171),b3(HMM:1.8e-60) |
| 17749 | OJ990823_06.9B03.C9.p2.gs | arf(HMM:0.068),b3(HMM:5.9e-48) |
| 17750 | OJ990920_18.9C06.C29.p1.gs | arf(HMM:0.2),b3(HMM:5.9e-48) |
| 17751 | OJ991122_05.0210.C24.p2.gs | arf(HMM:1.3e-12),b3(HMM:3.3e-13) |
| 17752 | OJ991122_05.0210.C25.p2.gs | arf(HMM:1.3e-13),b3(HMM:1.5e-18) |
| 17753 | OJ991122_05.0303.C19.p2.gs | arf(HMM:1.3e-13),b3(HMM:1.5e-18) |
| 17754 | OJ991122_05.0303.C20.p2.gs | arf(HMM:1.3e-12),b3(HMM:3.3e-13) |
| 17755 | OJ991122_05.0421.C19.p2.gs | arf(HMM:1.3e-13),b3(HMM:1.5e-18) |
| 17756 | OJ991122_05.0421.C20.p2.gs | arf(HMM:1.3e-12),b3(HMM:3.3e-13) |
| 17757 | OJ000113_08.0215.C3.p2.gs | arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11) |
| 17758 | OJ000113_08.0426.C3.p2.gs | arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11) |
| 17759 | OJ000210_11.0302.C11.p1.gs | arf(HMM:2.3e-131),b3(HMM:3.8e-16),iaa(HMM:3.3e-43) |
| 17760 | OJ000223_05.0419.C21.p1.gs | arf(HMM:3.3e-92),b3(HMM:6.7e-42),iaa(HMM:0.51) |
| 17761 | OJ000223_22.0320.C8.p1.gs | arf(HMM:5.2e-81),b3(HMM:1e-46),iaa(HMM:5.2e-09) |
| 17762 | OJ000302_20.0420.C9.p3.gs | arf(HMM:3.3e-92),b3(HMM:6.7e-42),iaa(HMM:0.21) |

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| 17763 | OJ000310_06.0417.C4.p5.gs | arf(HMM:2.3e-131),b3(HMM:3.8e-16),iaa(HMM:3.3e-43) |
| 17764 | OJ990402_08.9922.C31.p3.gs | arf(HMM:3.9e-180),b3(HMM:3.4e-49),iaa(HMM:6.7e-35) |
| 17765 | OJ990605_37.9922.C3.p2.gs | arf(HMM:1.7e-158),b3(HMM:3.4e-49),iaa(HMM:6.7e-35) |
| 17766 | OJ991109_02.0118.C5.p3.gs | arf(HMM:5.7e-120),b3(HMM:1.1e-43),iaa(HMM:2.9e-14) |
| 17767 | OJ991201_03.0310.C7.p4.gs | arf(HMM:7.8e-106),b3(HMM:7e-43),iaa(HMM:9e-05) |
| 17768 | OJ991201_03.0421.C6.p5.gs | arf(HMM:3.1e-78),b3(HMM:7e-43),iaa(HMM:2) |
| 17769 | OJ991201_03.9C23.C17.p4.gs | arf(HMM:7.8e-106),b3(HMM:7e-43),iaa(HMM:9e-05) |
| 17770 | OJ000114_24.0315.C2.p1.gs | arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11),zf-cchc(HMM:0.067) |
| 17771 | OJ991208_02.0106.C5.p1.gs | arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11),zf-cchc(HMM:0.067) |
| 17772 | OJ000221_16.0403.C7.p1.gs | arid(HMM:8e-05) |
| 17773 | OJ000321_33.0424.C30.p1.gs | arid(HMM:0.058) |
| 17774 | OJ000330_02.0418.C16.p1.gs | arid(HMM:8e-05) |
| 17775 | OJ990406_07.9C10.C14.p1.gs | arid(HMM:0.058) |
| 17776 | OJ990531_39.9919.C9.p1.gs | arid(HMM:0.0082) |
| 17777 | OJ991117_07.0104.C63.p2.gs | arid(HMM:8e-05) |
| 17778 | OJ991117_07.0421.C50.p2.gs | arid(HMM:8e-05) |
| 17779 | OJ000105_19.0405.C46.p9.gs | arid(HMM:5e-14),hmg_box(HMM:6.4e-18) |
| 17780 | OJ000105_19.0426.C46.p9.gs | arid(HMM:5e-14),hmg_box(HMM:6.4e-18) |
| 17781 | OJ000150_22.0124.C89.p3.gs | athook(HMM:0.022) |
| 17782 | OJ000208_08.0321.C10.p1.gs | athook(HMM:0.01) |
| 17783 | OJ000314_07.0411.C12.p2.gs | athook(HMM:0.099) |
| 17784 | OJ000327_20.0419.C54.p1.gs | athook(HMM:0.022) |
| 17785 | OJ990406_07.9C10.C20.p4.gs | athook(HMM:0.021) |
| 17786 | OJ990502_27.9B05.C5.p3.gs | athook(HMM:0.097) |
| 17787 | OJ990531_39.9919.C7.p2.gs | athook(HMM:0.026) |
| 17788 | OJ990716_06.9819.C10.p1.gs | athook(HMM:0.0042) |
| 17789 | OJ990807_30.9A14.C3.p1.gs | athook(HMM:0.022) |
| 17790 | OJ991106_46.9C17.C4.p5.gs | athook(HMM:0.022) |
| 17791 | OJ000208_06.0424.C23.p1.gs | b3(HMM:5e-06) |
| 17792 | OJ000250_89.0214.C3.p3.gs | b3(HMM:8.7) |
| 17793 | OJ000250_89.0214.C6.p2.gs | b3(HMM:3.7e-43) |
| 17794 | OJ000301_04.0403.C43.p1.gs | b3(HMM:1.1e-11) |
| 17795 | OJ000313_32.0419.C12.p2.gs | b3(HMM:9.6e-39) |
| 17796 | OJ000350_09.0323.C8.p2.gs | b3(HMM:1.3e-40) |
| 17797 | OJ000450_17.0411.C2.p15.gs | b3(HMM:2.6e-53) |

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| 17798 | OJ990401_09.9923.C9.p11.gs | b3(HMM:4.6e-06) |
| 17799 | OJ990401_09.9923.C9.p12.gs | b3(HMM:3.6e-06) |
| 17800 | OJ990527_36.9922.C4.p1.gs | b3(HMM:2.2e-65) |
| 17801 | OJ990730_02.9C10.C3.p4.gs | b3(HMM:2.2e-65) |
| 17802 | OJ990730_06.0310.C12.p1.gs | b3(HMM:2.2e-65) |
| 17803 | OJ990730_06.9921.C35.p1.gs | b3(HMM:2.2e-65) |
| 17804 | OJ990808_30.9C10.C13.p2.gs | b3(HMM:2.2e-65) |
| 17805 | OJ990823_12.9B01.C10.p1.gs | b3(HMM:2.2e-65) |
| 17806 | OJ991015_18.0315.C8.p2.gs | b3(HMM:4.6e-06) |
| 17807 | OJ991015_18.0315.C8.p3.gs | b3(HMM:3.4e-06) |
| 17808 | OJ991019_09.0211.C3.p1.gs | b3(HMM:5.9e-06) |
| 17809 | OJ991019_09.0211.C4.p1.gs | b3(HMM:3.6e-06) |
| 17810 | OJ991113_34.0421.C10.p6.gs | b3(HMM:2e-37) |
| 17811 | OJ991113_34.9C27.C28.p1.gs | b3(HMM:2e-37) |
| 17812 | OJ991122_05.0210.C19.p1.gs | b3(HMM:0.0063) |
| 17813 | OJ991122_05.0303.C24.p1.gs | b3(HMM:0.0058) |
| 17814 | OJ991122_05.0421.C24.p1.gs | b3(HMM:0.0058) |
| 17815 | OJ991215_14.0211.C13.p1.gs | b3(HMM:8.8e-48) |
| 17816 | OJ000112_18.0224.C2.p9.gs | bah(HMM:0.0043) |
| 17817 | OJ000112_18.0426.C2.p9.gs | bah(HMM:0.0043) |
| 17818 | OJ000150_00.0124.C60.p1.gs | bah(HMM:7.5e-82) |
| 17819 | OJ000250_16.0419.C8.p5.gs | bah(HMM:1.2) |
| 17820 | OJ000301_25.0410.C6.p1.gs | bah(HMM:0.0028) |
| 17821 | OJ000314_14.0419.C17.p1.gs | bah(HMM:0.058) |
| 17822 | OJ000322_16.0413.C6.p1.gs | bah(HMM:0.078) |
| 17823 | OJ000322_16.0413.C9.p1.gs | bah(HMM:0.0031) |
| 17824 | OJ000324_01.0424.C39.p1.gs | bah(HMM:0.14) |
| 17825 | OJ000324_08.0419.C30.p1.gs | bah(HMM:1.7e-06) |
| 17826 | OJ990311_14.9819.C1.p4.gs | bah(HMM:2.9e-84) |
| 17827 | OJ990323_15.9A11.C2.p1.gs | bah(HMM:7.5e-82) |
| 17828 | OJ990330_05.9819.C89.p1.gs | bah(HMM:0.014) |
| 17829 | OJ990515_23.9A07.C6.p1.gs | bah(HMM:2.4e-12) |
| 17830 | OJ990528_11.9A03.C13.p2.gs | bah(HMM:0.38) |
| 17831 | OJ990528_11.9A03.C69.p1.gs | bah(HMM:0.0028) |
| 17832 | OJ990620_35.0114.C2.p1.gs | bah(HMM:0.051) |
| 17833 | OJ990729_13.9A05.C3.p1.gs | bah(HMM:0.051) |
| 17834 | OJ991114_37.0128.C18.p1.gs | bah(HMM:0.16) |
| 17835 | OJ991122_05.0210.C27.p1.gs | bah(HMM:1e-38) |
| 17836 | OJ991122_05.0303.C17.p1.gs | bah(HMM:1.9e-41) |
| 17837 | OJ991122_05.0421.C17.p1.gs | bah(HMM:1.9e-41) |
| 17838 | OJ991215_09.0118.C4.p1.gs | bah(HMM:0.029) |
| 17839 | OJ990323_15.9A11.C5.p6.gs | bah(HMM:3.5e-29),phd(HMM:3.3e-14) |
| 17840 | OJ990817_03.0218.C5.p3.gs | bah(HMM:1.6e-36),phd(HMM:4.7e-13) |
| 17841 | OJ990923_15.9C01.C7.p5.gs | bah(HMM:1.6e-36),phd(HMM:4.7e-13) |
| 17842 | OJ991109_09.0421.C1.p4.gs | bah(HMM:0.19),phd(HMM:2.4e-09) |
| 17843 | OJ991109_09.9C22.C1.p4.gs | bah(HMM:0.19),phd(HMM:2.4e-09) |
| 17844 | OJ991110_09.0222.C14.p3.gs | bah(HMM:0.19),phd(HMM:2.4e-09) |
| 17845 | OJ991121_47.9C30.C7.p2.gs | bah(HMM:1.1e- |

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| 17846 | OJ991208_20.0406.C14.p1.gs | 22),phd(HMM:2.4e-09) bah(HMM:2.1e-28),phd(HMM:3.3e-14) |
| 17847 | OJ991216_14.0114.C7.p2.gs | bah(HMM:1.6e-36),phd(HMM:4.7e-13) |
| 17848 | OJ990419_08.9923.C13.p1.gs | bpf-1(HMM:0.0033) |
| 17849 | OJ990419_08.9923.C14.p1.gs | bpf-1(HMM:1.1e-20) |
| 17850 | OJ990822_48.0106.C2.p3.gs | bpf-1(HMM:8.9e-10) |
| 17851 | OJ000111_15.0217.C3.p2.gs | bromodomain(HMM:7e-26) |
| 17852 | OJ000111_15.0426.C3.p2.gs | bromodomain(HMM:7e-26) |
| 17853 | OJ000111_17.0229.C13.p1.gs | bromodomain(HMM:0.00018) |
| 17854 | OJ000111_17.0229.C25.p1.gs | bromodomain(HMM:1.8e-26) |
| 17855 | OJ000111_17.0426.C13.p1.gs | bromodomain(HMM:0.00018) |
| 17856 | OJ000111_17.0426.C25.p1.gs | bromodomain(HMM:1.8e-26) |
| 17857 | OJ000117_11.0223.C23.p2.gs | bromodomain(HMM:2.1e-19) |
| 17858 | OJ000117_11.0223.C9.p1.gs | bromodomain(HMM:1.5e-20) |
| 17859 | OJ000117_15.0207.C5.p2.gs | bromodomain(HMM:1.1e-28) |
| 17860 | OJ000118_14.0228.C8.p4.gs | bromodomain(HMM:2.7e-32) |
| 17861 | OJ000118_14.0331.C7.p4.gs | bromodomain(HMM:2.7e-32) |
| 17862 | OJ000207_19.0316.C4.p2.gs | bromodomain(HMM:5.6e-27) |
| 17863 | OJC | 1:3.4e-27) |
| 17864 | OJC | 1:4.3e-17) |
| 17865 | OJ000250_57.0214.C1.p1.gs | bromodomain(HMM:7.5e-29) |
| 17866 | OJ000250_57.0310.C1.p1.gs | bromodomain(HMM:7.5e-29) |
| 17867 | OJ000301_08.0407.C2.p4.gs | bromodomain(HMM:1.9e-23) |
| 17868 | OJ000307_02.0331 | bromodomain(HMM:4.3e-17) |
| 17869 | OJ000316_22.041 | bromodomain(HMM:3.9e-05) |
| 17870 | OJ000321_05.04 | 1:7.5e-29) |
| 17871 | OJ000327_18.0420.C8.p1.gs | 1:6.1e-05) |
| 17872 | OJ000331_17.0424.C14.p1.gs | 1:7.5e-29) |
| 17873 | OJ000331_17.0426.C13.p1.gs | bromodomain(HMM:7.5e-29) |
| 17874 | OJ990211_02.9819.C35.p1.gs | bromodomain(HMM:4.2e-33) |
| 17875 | OJ990211_03.9819.C29.p2.gs | bromodomain(HMM:4.2e-33) |
| 17876 | OJ990410_27.9922.C4.p2.gs | bromodomain(HMM:1.5e-23) |
| 17877 | OJ990415_01.9922.C1.p1.gs | bromodomain(HMM:1.8) |
| 17878 | OJ990415_01.9922.C13.p1.gs | bromodomain(HMM:7.5e-29) |
| 17879 | OJ990416_02.9923.C7.p6.gs | bromodomain(HMM:7.5e-29) |
| 17880 | OJ990416_05.9A01.C6.p1.gs | bromodomain(HMM:0.16) |
| 17881 | OJ990416_06.9819.C32.p6.gs | bromodomain(HMM:4.3e-17) |
| 17882 | OJ990524_13.0103.C5.p2.gs | bromodomain(HMM:1.3e-29) |
| 17883 | OJ990602_04.0103.C15.p1.gs | bromodomain(HMM:6.1e-05) |
| 17884 | OJ990903_13.0225.C11.p1.gs | bromodomain(HMM:1.3e-29) |
| 17885 | OJ990923_05.9B16.C7.p6.gs | bromodomain(HMM:4.3e-17) |
| 17886 | OJ991021_06.0218.C10.p3.gs | bromodomain(HMM:4.2e-33) |
| 17887 | OJ991028_16.0225.C2.p1.gs | bromodomain(HMM:0.33) |
| 17888 | OJ991121_46.9C13.C3.p1.gs | bromodomain(HMM:1.1e-28) |
| 17889 | OJ991214_16.0111.C11.p6.gs | bromodomain(HMM:1.9e-23) |
| 17890 | OJ991216_04.0316.C15.p1.gs | bromodomain(HMM:6.8e-05) |
| 17891 | OJ991226_50.0317.C3.p3.gs | bromodomain(HMM:4.2e-33) |
| 17892 | OJ000322_14.0424.C8.p3.gs | btb(HMM:0.00017),dptb(HMM:6.9e-05) |
| 17893 | OJ000102_54.0426.C53.p1.gs | bzip(HMM:6.2e-14) |
| 17894 | OJ000106_07.0222.C7.p2.gs | bzip(HMM:2e-22) |
| 17895 | OJ000106_07.0310.C11.p2.gs | bzip(HMM:2e-22) |

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| 17950 | OJ990423_11.9924.C14.p1.gs | bzip(HMM:1.7e-05) |
| 17951 | OJ990427_01.9A14.C21.p4.gs | bzip(HMM:2.6e-07) |
| 17952 | OJ990427_21.0114.C10.p3.gs | bzip(HMM:4.4e-05) |
| 17953 | OJ990503_32.9C03.C1.p3.gs | bzip(HMM:2.1e-08) |
| 17954 | OJ990518_10.9924.C37.p2.gs | bzip(HMM:2.2e-09) |
| 17955 | OJ990518_10.9924.C38.p1.gs | bzip(HMM:0.0011) |
| 17956 | OJ990520_03.9C23.C38.p1.gs | bzip(HMM:1e-06) |
| 17957 | OJ990604_03.9C03.C40.p1.gs | bzip(HMM:0.069) |
| 17958 | OJ990605_41.0225.C3.p3.gs | bzip(HMM:1.7e-22) |
| 17959 | OJ990612_35.0103.C7.p5.gs | bzip(HMM:3.1e-07) |
| 17960 | OJ990616_09.9C01.C7.p2.gs | bzip(HMM:0.17) |
| 17961 | OJ990616_09.9C01.C8.p1.gs | bzip(HMM:2.3e-21) |
| 17962 | OJ990617_02.9B01.C92.p1.gs | bzip(HMM:7.6e-05) |
| 17963 | OJ990619_50.0211.C2.p1.gs | bzip(HMM:0.087) |
| 17964 | OJ990705_39.9919.C11.p5.gs | bzip(HMM:2.6e-07) |
| 17965 | OJ990716_06.9819.C18.p2.gs | bzip(HMM:5.2e-13) |
| 17966 | OJ990802_12.0218.C9.p3.gs | bzip(HMM:1.4e-14) |
| 17967 | OJ990810_04.0303.C31.p4.gs | bzip(HMM:5.2e-08) |
| 17968 | OJ990819_16.9B10.C2.p3.gs | bzip(HMM:1.5e-07) |
| 17969 | OJ990821_44.9C20.C3.p7.gs | bzip(HMM:0.0079) |
| 17970 | OJ990830_03.9B17.C45.p1.gs | bzip(HMM:3.4e-11) |
| 17971 | OJ990903_12.9C01.C20.p2.gs | bzip(HMM:1e-11) |
| 17972 | OJ990903_18.0103.C5.p9.gs | bzip(HMM:2.6e-06) |
| 17973 | OJ990909_05.0223.C12.p1.gs | bzip(HMM:9.4e-15) |
| 17974 | OJ990909_08.0222.C22.p1.gs | bzip(HMM:0.00024) |
| 17975 | OJ990920_04.9C10.C16.p4.gs | bzip(HMM:0.21) |
| 17976 | OJ990922_02.9C17.C34.p1.gs | bzip(HMM:1.2e-05) |
| 17977 | OJ991007_03.0421.C8.p3.gs | bzip(HMM:2.7e-11) |
| 17978 | OJ991007_03.9C27.C8.p3.gs | bzip(HMM:2.7e-11) |
| 17979 | OJ991012_10.0127.C11.p1.gs | bzip(HMM:0.00047) |
| 17980 | OJ991027_17.0118.C10.p2.gs | bzip(HMM:0.0012) |
| 17981 | OJ991108_12.0404.C11.p2.gs | bzip(HMM:0.0014) |
| 17982 | OJ991111_08.0307.C11.p2.gs | bzip(HMM:5.1e-13) |
| 17983 | OJ991112_17.9C20.C5.p7.gs | bzip(HMM:1.2e-17) |
| 17984 | OJ991119_17.0126.C6.p2.gs | bzip(HMM:2.5e-05) |
| 17985 | OJ991122_03.0421.C7.p1.gs | bzip(HMM:3e-11) |
| 17986 | OJ991122_03.9C23.C7.p1.gs | bzip(HMM:3e-11) |
| 17987 | OJ991202_01.0419.C34.p1.gs | bzip(HMM:0.03) |
| 17988 | OJ991216_10.0211.C14.p5.gs | bzip(HMM:0.00047) |
| 17989 | OJ991220_10.0118.C5.p4.gs | bzip(HMM:0.069) |
| 17990 | OJ000223_05.0419.C14.p2.gs | bzip(HMM:0.074),homeobox(HMM:8.4e-15) |
| 17991 | OJ000302_20.0420.C9.p6.gs | bzip(HMM:0.074),homeobox(HMM:8.4e-15) |
| 17992 | OJ991117_16.0419.C8.p1.gs | bzip(HMM:7.2e-08),zf-cchc(HMM:5.4e-05) |
| 17993 | OJ000113_21.0317.C7.p2.gs | cbfd_nfyb_hmf(HMM:0.048) |
| 17994 | OJ000113_23.0214.C4.p10.gs | cbfd_nfyb_hmf(HMM:2.4e-36) |
| 17995 | OJ000113_23.0303.C4.p10.gs | cbfd_nfyb_hmf(HMM:2.4e-36) |
| 17996 | OJ000122_36.0307.C45.p1.gs | cbfd_nfyb_hmf(HMM:9.5e-05) |
| 17997 | OJ000130_34.0419.C15.p2.gs | cbfd_nfyb_hmf(HMM:4.2e-37) |
| 17998 | OJ000130_34.0419.C15.p3.gs | cbfd_nfyb_hmf(HMM:2.5e-32) |
| 17999 | OJ000209_28.0419.C35.p1.gs | cbfd_nfyb_hmf(HMM:5.4e-21) |
| 18000 | OJ000217_16.0403.C13.p2.gs | cbfd_nfyb_hmf(HMM:1.6e-15) |

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| 18001 | OJ000229_25.0322.C37.p2.gs | cbfd_nfyb_hmf(HMM:1.8e-13) |
| 18002 | OJ000250_14.0208.C16.p2.gs | cbfd_nfyb_hmf(HMM:0.048) |
| 18003 | OJ000250_84.0214.C9.p4.gs | cbfd_nfyb_hmf(HMM:2.8e-13) |
| 18004 | OJ000250_93.0307.C10.p2.gs | cbfd_nfyb_hmf(HMM:9.5e-05) |
| 18005 | OJ000303_14.0419.C3.p2.gs | cbfd_nfyb_hmf(HMM:5.5e-06) |
| 18006 | OJ000320_16.0419.C20.p2.gs | cbfd_nfyb_hmf(HMM:2e-37) |
| 18007 | OJ000323_18.0419.C2.p4.gs | cbfd_nfyb_hmf(HMM:2.8e-13) |
| 18008 | OJ000324_19.0419.C6.p1.gs | cbfd_nfyb_hmf(HMM:1.8e-13) |
| 18009 | OJ000350_26.0323.C10.p10.gs | cbfd_nfyb_hmf(HMM:3.7e-23) |
| 18010 | OJ990402_27.9819.C20.p2.gs | cbfd_nfyb_hmf(HMM:1.6e-26) |
| 18011 | OJ990410_20.9922.C2.p1.gs | cbfd_nfyb_hmf(HMM:6.8e-22) |
| 18012 | OJ990428_05.9819.C31.p1.gs | cbfd_nfyb_hmf(HMM:0.0015) |
| 18013 | OJ990514_12.0103.C34.p2.gs | cbfd_nfyb_hmf(HMM:0.005) |
| 18014 | OJ990525_14.9C03.C6.p1.gs | cbfd_nfyb_hmf(HMM:6.9e-23) |
| 18015 | OJ990528_11.9A03.C44.p1.gs | cbfd_nfyb_hmf(HMM:1.5e-38) |
| 18016 | OJ990619_53.9A29.C4.p1.gs | cbfd_nfyb_hmf(HMM:0.013) |
| 18017 | OJ990714_12.0419.C51.p3.gs | cbfd_nfyb_hmf(HMM:0.005) |
| 18018 | OJ990721_02.9B16.C15.p1.gs | cbfd_nfyb_hmf(HMM:0.015) |
| 18019 | OJ990803_06.9B18.C11.p3.gs | cbfd_nfyb_hmf(HMM:9.4e-36) |
| 18020 | OJ990803_06.9B18.C7.p2.gs | cbfd_nfyb_hmf(HMM:7.3e-14) |
| 18021 | OJ990817_12.0103.C16.p2.gs | cbfd_nfyb_hmf(HMM:0.047) |
| 18022 | OJ990827_03.9C01.C15.p1.gs | cbfd_nfyb_hmf(HMM:2e-37) |
| 18023 | OJ990907_08.9B19.C5.p1.gs | cbfd_nfyb_hmf(HMM:5.9e-05) |
| 18024 | OJ991029_11.0207.C12.p1.gs | cbfd_nfyb_hmf(HMM:6.8e-22) |
| 18025 | OJ991122_12.0229.C3.p6.gs | cbfd_nfyb_hmf(HMM:2.5e-32) |
| 18026 | OJ991122_12.0229.C5.p1.gs | cbfd_nfyb_hmf(HMM:4.2e-37) |
| 18027 | OJ991201_12.0421.C5.p2.gs | cbfd_nfyb_hmf(HMM:1.7e-24) |
| 18028 | OJ991201_12.9C29.C5.p2.gs | cbfd_nfyb_hmf(HMM:1.7e-24) |
| 18029 | OJ000214_17.0321.C17.p2.gs | cbfd_nfyb_hmf(HMM:0.03),histo ne(HMM:3.1e-50) |
| 18030 | OJ000214_17.0321.C17.p3.gs | cbfd_nfyb_hmf(HMM:0.03),histo ne(HMM:1.6e-51) |
| 18031 | OJ000221_07.0323.C12.p6.gs | cbfd_nfyb_hmf(HMM:0.04),histo ne(HMM:5.3e-52) |
| 18032 | OJ000250_99.0316.C35.p2.gs | cbfd_nfyb_hmf(HMM:0.03),histo ne(HMM:1.6e-51) |
| 18033 | OJ990324_01.0103.C47.p1.gs | cbfd_nfyb_hmf(HMM:0.03),histo ne(HMM:1.3e-50) |
| 18034 | OJ990721_07.0211.C6.p3.gs | cbfd_nfyb_hmf(HMM:0.041),hist one(HMM:2.6e-51) |
| 18035 | OJ990816_09.9B19.C1.p3.gs | cbfd_nfyb_hmf(HMM:0.069),hist one(HMM:9.5e-52) |
| 18036 | OJ991122_19.0330.C1.p7.gs | cbfd_nfyb_hmf(HMM:0.03),histo ne(HMM:1.3e-50) |
| 18037 | OJ000102_79.0301.C3.p2.gs | chromo(HMM:0.087) |
| 18038 | OJ000102_79.0414.C3.p2.gs | chromo(HMM:0.087) |
| 18039 | OJ000102_79.0426.C3.p2.gs | chromo(HMM:0.087) |
| 18040 | OJ000111_12.0313.C1.p3.gs | chromo(HMM:0.0039) |
| 18041 | OJ000111_12.0426.C1.p3.gs | chromo(HMM:0.0039) |
| 18042 | OJ000250_72.0214.C9.p5.gs | chromo(HMM:0.098) |
| 18043 | OJ000251_07.0216.C20.p1.gs | chromo(HMM:0.025) |
| 18044 | OJ000309_13.0419.C18.p1.gs | chromo(HMM:0.021) |
| 18045 | OJ000330_05.0419.C72.p1.gs | chromo(HMM:0.054) |
| 18046 | OJ000330_06.0419.C15.p1.gs | chromo(HMM:0.054) |

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| 18047 | OJ990311_15.9819.C8.p4.gs | chromo(HMM:0.0016) |
| 18048 | OJ990316_17.9819.C5.p6.gs | chromo(HMM:0.0003) |
| 18049 | OJ990318_14.9922.C10.p4.gs | chromo(HMM:0.084) |
| 18050 | OJ990409_08.9923.C13.p1.gs | chromo(HMM:0.0035) |
| 18051 | OJ990409_09.0204.C13.p1.gs | chromo(HMM:0.0035) |
| 18052 | OJ990421_24.9C10.C7.p2.gs | chromo(HMM:0.23) |
| 18053 | OJ990429_22.9819.C2.p14.gs | chromo(HMM:0.4) |
| 18054 | OJ990501_22.9C10.C30.p3.gs | chromo(HMM:0.23) |
| 18055 | OJ990517_22.9B05.C15.p4.gs | chromo(HMM:2.3) |
| 18056 | OJ990531_40.9C03.C3.p1.gs | chromo(HMM:3.5e-06) |
| 18057 | OJ990605_38.9B05.C5.p3.gs | chromo(HMM:0.054) |
| 18058 | OJ990808_54.0421.C8.p1.gs | chromo(HMM:0.0066) |
| 18059 | OJ990808_54.9C20.C9.p1.gs | chromo(HMM:0.0066) |
| 18060 | OJ990817_08.9922.C3.p4.gs | chromo(HMM:0.098) |
| 18061 | OJ990820_03.0303.C20.p1.gs | chromo(HMM:0.021) |
| 18062 | OJ990824_07.9B18.C20.p4.gs | chromo(HMM:0.087) |
| 18063 | OJ990924_17.0211.C23.p4.gs | chromo(HMM:0.0016) |
| 18064 | OJ991106_42.0103.C5.p4.gs | chromo(HMM:0.29) |
| 18065 | OJ991107_30.0204.C1.p3.gs | chromo(HMM:0.098) |
| 18066 | OJ991119_13.0207.C40.p3.gs | chromo(HMM:0.087) |
| 18067 | OJ991120_34.0419.C19.p4.gs | chromo(HMM:0.0028) |
| 18068 | OJ991201_14.0118.C4.p7.gs | chromo(HMM:0.17) |
| 18069 | OJ991211_50.0403.C22.p1.gs | chromo(HMM:0.0028) |
| 18070 | OJ000251_48.0228.C31.p4.gs | chromo(HMM:0.9),phd(HMM:0.0031),snf2_n(HMM:3.9e-83) |
| 18071 | OJ990318_06.0228.C43.p1.gs | chromo(HMM:0.014),phd(HMM:0.0011),snf2_n(HMM:4.8e-65) |
| 18072 | OJ991211_57.0228.C38.p3.gs | chromo(HMM:0.01),phd(HMM:0.0011),snf2_n(HMM:4.5e-83) |
| 18073 | OJ000207_17.0306.C16.p1.gs | chromo(HMM:0.012),snf2_n(HMM:0.028) |
| 18074 | OJ000207_17.0323.C14.p1.gs | chromo(HMM:0.012),snf2_n(HMM:2e-107) |
| 18075 | OJ000404_02.0421.C47.p1.gs | chromo(HMM:4.5e-09),snf2_n(HMM:1.4e-15) |
| 18076 | OJ000110_17.0410.C4.p3.gs | chromo(HMM:0.061),zf-cchc(HMM:0.00082) |
| 18077 | OJ000110_17.0420.C3.p3.gs | chromo(HMM:0.061),zf-cchc(HMM:0.00082) |
| 18078 | OJ000110_17.0426.C3.p3.gs | chromo(HMM:0.061),zf-cchc(HMM:0.00082) |
| 18079 | OJ000320_28.0419.C12.p2.gs | csd(HMM:7.7e-15) |
| 18080 | OJ000324_26.0412.C2.p1.gs | csd(HMM:7.7e-15) |
| 18081 | OJ000324_26.0420.C25.p2.gs | csd(HMM:7.7e-15) |
| 18082 | OJ000350_34.0310.C21.p3.gs | csd(HMM:4.2e-12),zf-cchc(HMM:1.1e-16) |
| 18083 | OJ990414_07.9B12.C32.p4.gs | csd(HMM:4.7e-11),zf-cchc(HMM:1.1e-16) |
| 18084 | OJ990810_15.0216.C22.p7.gs | csd(HMM:1.2e-14),zf-cchc(HMM:1.1e-16) |
| 18085 | OJ990810_16.0310.C49.p3.gs | csd(HMM:4.2e-12),zf-cchc(HMM:1.1e-16) |
| 18086 | OJ000114_11.0217.C20.p4.gs | dof(HMM:2.3e-35) |
| 18087 | OJ000118_11.0307.C7.p2.gs | dof(HMM:1.7e-36) |

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| 18088 | OJ000150_07.0124.C31.p11.gs | dof(HMM:3.6e-36) |
| 18089 | OJ000150_28.0124.C56.p4.gs | dof(HMM:6.6e-36) |
| 18090 | OJ000150_28.0323.C56.p4.gs | dof(HMM:6.6e-36) |
| 18091 | OJ000250_57.0214.C4.p5.gs | dof(HMM:5.4e-36) |
| 18092 | OJ000250_57.0310.C3.p8.gs | dof(HMM:5.4e-36) |
| 18093 | OJ000301_03.0404.C7.p1.gs | dof(HMM:8.3e-35) |
| 18094 | OJ000310_11.0411.C11.p1.gs | dof(HMM:2.3e-35) |
| 18095 | OJ000310_11.0415.p2.gs | dof(HMM:2.3e-35) |
| 18096 | OJ000314_08.0422.p9.gs | dof(HMM:2.7e-37) |
| 18097 | OJ000324_25.0417.p1.gs | dof(HMM:6.6e-35) |
| 18098 | OJ000327_04.0424.C2.p4.gs | dof(HMM:5.4e-36) |
| 18099 | OJ000327_04.0426.C2.p5.gs | dof(HMM:5.4e-36) |
| 18100 | OJ000327_04.0421.C2.p6.gs | dof(HMM:5.4e-36) |
| 18101 | OJ000327_04.0421.C2.p7.gs | dof(HMM:5.4e-36) |
| 18102 | OJ000327_04.0421.C2.p8.gs | dof(HMM:5.4e-36) |
| 18103 | OJ000327_04.0421.C2.p9.gs | dof(HMM:5.4e-36) |
| 18104 | OJ000327_04.0421.C2.p10.gs | dof(HMM:5.4e-36) |
| 18105 | OJ000327_04.0421.C2.p11.gs | dof(HMM:5.4e-36) |
| 18106 | OJ000327_04.0421.C2.p12.gs | dof(HMM:5.4e-36) |
| 18107 | OJ000327_04.0421.C2.p13.gs | dof(HMM:5.4e-36) |
| 18108 | OJ000327_04.0421.C2.p14.gs | dof(HMM:5.4e-36) |
| 18109 | OJ000327_04.0421.C2.p15.gs | dof(HMM:5.4e-36) |
| 18110 | OJ000327_04.0421.C2.p16.gs | dof(HMM:5.4e-36) |
| 18111 | OJ000327_04.0421.C2.p17.gs | dof(HMM:5.4e-36) |
| 18112 | OJ000327_04.0421.C2.p18.gs | dof(HMM:5.4e-36) |
| 18113 | OJ000327_04.0421.C2.p19.gs | dof(HMM:5.4e-36) |
| 18114 | OJ000327_04.0421.C2.p20.gs | dof(HMM:5.4e-36) |
| 18115 | OJ000327_04.0421.C2.p21.gs | dof(HMM:5.4e-36) |
| 18116 | OJ000327_04.0421.C2.p22.gs | dof(HMM:5.4e-36) |
| 18117 | OJ000327_04.0421.C2.p23.gs | dof(HMM:5.4e-36) |
| 18118 | OJ000327_04.0421.C2.p24.gs | dof(HMM:5.4e-36) |
| 18119 | OJ000327_04.0421.C2.p25.gs | dof(HMM:5.4e-36) |
| 18120 | OJ000327_04.0421.C2.p26.gs | dof(HMM:5.4e-36) |
| 18121 | OJ000327_04.0421.C2.p27.gs | dof(HMM:5.4e-36) |
| 18122 | OJ000327_04.0421.C2.p28.gs | dof(HMM:5.4e-36) |
| 18123 | OJ000327_04.0421.C2.p29.gs | dof(HMM:5.4e-36) |
| 18124 | OJ000327_04.0421.C2.p30.gs | dof(HMM:5.4e-36) |
| 18125 | OJ000327_04.0421.C2.p31.gs | dof(HMM:5.4e-36) |
| 18126 | OJ000327_04.0421.C2.p32.gs | dof(HMM:5.4e-36) |
| 18127 | OJ000327_04.0421.C2.p33.gs | dof(HMM:5.4e-36) |
| 18128 | OJ000327_04.0421.C2.p34.gs | dof(HMM:5.4e-36) |
| 18129 | OJ000327_04.0421.C2.p35.gs | dof(HMM:5.4e-36) |
| 18130 | OJ000327_04.0421.C2.p36.gs | dof(HMM:5.4e-36) |
| 18131 | OJ000327_04.0421.C2.p37.gs | dof(HMM:5.4e-36) |
| 18132 | OJ000327_04.0421.C2.p38.gs | dof(HMM:5.4e-36) |
| 18133 | OJ000327_04.0421.C2.p39.gs | dof(HMM:5.4e-36) |
| 18134 | OJ000327_04.0421.C2.p40.gs | dof(HMM:5.4e-36) |
| 18135 | OJ000327_04.0421.C2.p41.gs | dof(HMM:5.4e-36) |
| 18136 | OJ000327_04.0421.C2.p42.gs | dof(HMM:5.4e-36) |
| 18137 | OJ000327_04.0421.C2.p43.gs | dof(HMM:5.4e-36) |
| 18138 | OJ000327_04.0421.C2.p44.gs | dof(HMM:5.4e-36) |
| 18139 | OJ000327_04.0421.C2.p45.gs | dof(HMM:5.4e-36) |
| 18140 | OJ000327_04.0421.C2.p46.gs | dof(HMM:5.4e-36) |
| 18141 | OJ000327_04.0421.C2.p47.gs | dof(HMM:5.4e-36) |

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| 18142 | OJ990323_24.9B12.C9.p1.gs | enbp(HMM:3.4e-201) |
| 18143 | OJ990730_11.9B08.C5.p3.gs | enbp(HMM:9e-219) |
| 18144 | OJ990802_13.9920.C2.p3.gs | enbp(HMM:0.047) |
| 18145 | OJ990802_13.9920.C3.p1.gs | enbp(HMM:2.9e-11) |
| 18146 | OJ990808_58.0103.C16.p1.gs | enbp(HMM:2.2e-14) |
| 18147 | OJ000110_04.0426.C10.p2.gs | gata(HMM:0.44) |
| 18148 | OJ000118_20.0222.C15.p2.gs | gata(HMM:2.8e-15) |
| 18149 | OJ000150_12.0124.C34.p1.gs | gata(HMM:3.7e-15) |
| 18150 | OJ000208_10.0331.C30.p1.gs | gata(HMM:0.13) |
| 18151 | OJ000209_08.0309.C5.p3.gs | gata(HMM:0.048) |
| 18152 | OJ000210_06.0306.C13.p1.gs | gata(HMM:3.3e-36) |
| 18153 | OJ000214_09.0321.C2.p2.gs | gata(HMM:0.00034) |
| 18154 | OJ000222_20.0403.C2.p1.gs | gata(HMM:1.3e-05) |
| 18155 | OJ000302_08.0410.C8.p11.gs | gata(HMM:4.9e-17) |
| 18156 | OJ990323_29.9A15.C6.p6.gs | gata(HMM:5.9e-16) |
| 18157 | OJ990407_07.9922.C18.p1.gs | gata(HMM:5.7e-09) |
| 18158 | OJ990410_27.9922.C3.p3.gs | gata(HMM:1.9e-16) |
| 18159 | OJ990503_28.9924.C3.p1.gs | gata(HMM:2.8e-18) |
| 18160 | OJ990503_29.9919.C7.p3.gs | gata(HMM:5.4e-16) |
| 18161 | OJ990605_39.0420.C9.p3.gs | gata(HMM:4.5e-15) |
| 18162 | OJ990605_39.9921.C29.p1.gs | gata(HMM:4.5e-15) |
| 18163 | OJ990605_41.0225.C5.p7.gs | gata(HMM:3.9e-17) |
| 18164 | OJ990612_46.9903.C3.p2.gs | gata(HMM:4.5e-15) |
| 18165 | OJ990617_11.9B19.C12.p2.gs | gata(HMM:0.00034) |
| 18166 | OJ990709_14.9B05.C7.p8.gs | gata(HMM:5.9e-16) |
| 18167 | OJ990730_03.9C10.C8.p4.gs | gata(HMM:0.0015) |
| 18168 | OJ990803_12.0103.C5.p2.gs | gata(HMM:1.5) |
| 18169 | OJ990810_08.0103.C11.p2.gs | gata(HMM:5.4e-16) |
| 18170 | OJ990822_52.0128.C16.p2.gs | gata(HMM:2.2e-15) |
| 18171 | OJ990825_16.0303.C16.p2.gs | gata(HMM:0.001) |
| 18172 | OJ990903_01.9B08.C6.p1.gs | gata(HMM:1.2e-11) |
| 18173 | OJ990914_05.9B19.C6.p3.gs | gata(HMM:3.7e-15) |
| 18174 | OJ990915_16.9A18.C8.p1.gs | gata(HMM:3.7e-15) |
| 18175 | OJ990924_06.9C01.C6.p1.gs | gata(HMM:3.7e-15) |
| 18176 | OJ991102_02.0223.C19.p2.gs | gata(HMM:0.00034) |
| 18177 | OJ991120_31.0103.C10.p1.gs | gata(HMM:5.7e-09) |
| 18178 | OJ991217_07.0114.C4.p1.gs | gata(HMM:5.7e-09) |
| 18179 | OJ991217_14.0118.C2.p2.gs | gata(HMM:5.9e-16) |
| 18180 | OJ000112_10.0210.C18.p2.gs | gld-tea(HMM:3.4e-32) |
| 18181 | OJ000112_10.0426.C18.p2.gs | gld-tea(HMM:1.1e-36) |
| 18182 | OJ000121_09.0323.C3.p1.gs | gld-tea(HMM:0.067) |
| 18183 | OJ000122_31.0321.C19.p1.gs | gld-tea(HMM:0.0013) |
| 18184 | OJ000203_01.0222.C13.p1.gs | gld-tea(HMM:1.7e-41) |
| 18185 | OJ000208_22.0323.C4.p1.gs | gld-tea(HMM:2.1e-35) |
| 18186 | OJ000208_25.0419.C36.p2.gs | gld-tea(HMM:2.8e-31) |
| 18187 | OJ000217_01.0308.C1.p1.gs | gld-tea(HMM:3.7e-13) |
| 18188 | OJ000223_02.0405.C6.p9.gs | gld-tea(HMM:0.0028) |
| 18189 | OJ000224_10.0403.C18.p2.gs | gld-tea(HMM:1.3e-32) |
| 18190 | OJ000301_18.0330.C13.p2.gs | gld-tea(HMM:1.1e-36) |
| 18191 | OJ000301_18.0330.C14.p1.gs | gld-tea(HMM:0.036) |
| 18192 | OJ000301_24.0403.C8.p2.gs | gld-tea(HMM:3.5e-29) |
| 18193 | OJ000302_11.0403.C6.p1.gs | gld-tea(HMM:0.21) |
| 18194 | OJ000302_27.0419.C18.p1.gs | |
| 18195 | OJ000306_08.0419.C54.p1.gs | |

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| 18196 | OJ000324_21.0420.C15.p1.gs | gld-tea(HMM:3.4e-32) |
| 18197 | OJ000324_23.0420.C82.p2.gs | gld-tea(HMM:4.6e-09) |
| 18198 | OJ000331_01.0419.C14.p2.gs | gld-tea(HMM:8.3e-35) |
| 18199 | OJ000350_33.0314.C7.p1.gs | gld-tea(HMM:1.7e-29) |
| 18200 | OJ000350_52.0314.C10.p1.gs | gld-tea(HMM:0.0058) |
| 18201 | OJ000403_28.0424.C3.p7.gs | gld-tea(HMM:8.2e-32) |
| 18202 | OJ990304_01.9819.C2.p1.gs | gld-tea(HMM:0.0058) |
| 18203 | OJ990319_11.0419.C5.p3.gs | gld-tea(HMM:0.0016) |
| 18204 | OJ990319_11.9524.C24.p3.gs | gld-tea(HMM:0.0058) |
| 18205 | OJ990402_21.9819.C29.p1.gs | gld-tea(HMM:1.1e-36) |
| 18206 | OJ990419_11.9923.C13.p1.gs | gld-tea(HMM:0.63) |
| 18207 | OJ990419_11.9923.C14.p1.gs | gld-tea(HMM:0.002) |
| 18208 | OJ990527_26.9C10.C8.p1.gs | gld-tea(HMM:8.6e-32) |
| 18209 | OJ990619_52.0211.C11.p5.gs | gld-tea(HMM:2.2e-32) |
| 18210 | OJ990712_05.9919.C3.p3.gs | gld-tea(HMM:1.3e-32) |
| 18211 | OJ990712_05.9919.C4.p3.gs | gld-tea(HMM:1.6e-05) |
| 18212 | OJ990714_13.9B05.C13.p4.gs | gld-tea(HMM:3.4e-32) |
| 18213 | OJ990716_01.9A11.C2.p2.gs | gld-tea(HMM:4.4e-25) |
| 18214 | OJ990720_10.9C17.C21.p2.gs | gld-tea(HMM:0.0015) |
| 18215 | OJ990728_08.0114.C13.p2.gs | gld-tea(HMM:0.0016) |
| 18216 | OJ990729_07.0110.C19.p1.gs | gld-tea(HMM:3.4e-32) |
| 18217 | OJ990821_56.9C20.C17.p2.gs | gld-tea(HMM:5.7e-08) |
| 18218 | OJ990830_10.9C13.C13.p1.gs | gld-tea(HMM:1.9e-32) |
| 18219 | OJ990916_14.0103.C9.p3.gs | gld-tea(HMM:8.2e-32) |
| 18220 | OJ990916_15.9B22.C51.p1.gs | gld-tea(HMM:0.17) |
| 18221 | OJ990917_09.9A29.C20.p1.gs | gld-tea(HMM:0.0025) |
| 18222 | OJ991107_35.0421.C13.p2.gs | gld-tea(HMM:6.8e-27) |
| 18223 | OJ991107_35.9C20.C12.p2.gs | gld-tea(HMM:6.8e-27) |
| 18224 | OJ991107_37.0113.C63.p2.gs | gld-tea(HMM:6.8e-31) |
| 18225 | OJ991107_37.0421.C63.p2.gs | gld-tea(HMM:6.8e-31) |
| 18226 | OJ991113_35.0112.C2.p6.gs | gld-tea(HMM:0.036) |
| 18227 | OJ991122_09.0330.C3.p1.gs | gld-tea(HMM:3.4e-19) |
| 18228 | OJ991122_10.0419.C40.p1.gs | gld-tea(HMM:7.3e-39) |
| 18229 | OJ991214_07.0114.C6.p3.gs | gld-tea(HMM:6.8e-31) |
| 18230 | OJ991217_10.0218.C4.p8.gs | gld-tea(HMM:0.0015) |
| 18231 | OJ991226_49.0317.C6.p1.gs | gld-tea(HMM:0.0072) |
| 18232 | OJ000323_38.0418.C14.p5.gs | gld-tea(HMM:0.062),myb_dna-binding(HMM:1.1e-12) |
| 18233 | OJ990520_01.9B12.C33.p1.gs | gld-tea(HMM:0.062),myb_dna-binding(HMM:1.1e-12) |
| 18234 | OJ990730_08.9C10.C3.p2.gs | gld-tea(HMM:0.062),myb_dna-binding(HMM:1.1e-12) |
| 18235 | OJ990820_14.0223.C19.p1.gs | gld-tea(HMM:0.0094),myb_dna-binding(HMM:1.8e-13) |
| 18236 | OJ000216_09.0330.C8.p3.gs | gld-tea(HMM:0.00036),response_reg(HMM:0.00057) |
| 18237 | OJ000251_22.0403.C12.p3.gs | gld-tea(HMM:0.00036),response_reg(HMM:0.00057) |
| 18238 | OJ000404_02.0421.C26.p1.gs | gld-tea(HMM:1.8e-27),response_reg(HMM:4.7e-34) |
| 18239 | OJ990501_20.9819.C2.p2.gs | gld-tea(HMM:0.00036),response_reg |

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| 18240 | OJ990701_01.9919.C5.p3.gs | (HMM:1.1e-18) gld-tea(HMM:1.8e-06),response_reg(HMM:1.4e-33) |
| 18241 | OJ000321_24.0419.C22.p1.gs | hhh(HMM:3.7e-08) |
| 18242 | OJ000122_66.0419.C16.p1.gs | hist_deacetyl(HMM:8.8e-23) |
| 18243 | OJ000122_66.0419.C4.p1.gs | hist_deacetyl(HMM:8.8e-11) |
| 18244 | OJ000210_14.0404.C28.p3.gs | hist_deacetyl(HMM:5.3e-131) |
| 18245 | OJ000250_51.0211.C7.p3.gs | hist_deacetyl(HMM:3.3e-99) |
| 18246 | OJ000307_27.0419.C16.p3.gs | hist_deacetyl(HMM:1e-125) |
| 18247 | OJ000314_36.0419.C12.p2.gs | hist_deacetyl(HMM:1.3e-09) |
| 18248 | OJ000350_38.0313.C18.p2.gs | hist_deacetyl(HMM:2.9e-86) |
| 18249 | OJ000403_18.0419.C17.p2.gs | hist_deacetyl(HMM:1e-125) |
| 18250 | OJ990427_24.9922.C4.p2.gs | hist_deacetyl(HMM:8.3e-54) |
| 18251 | OJ990427_24.9922.C5.p4.gs | hist_deacetyl(HMM:1.2e-50) |
| 18252 | OJ990427_27.9922.C4.p4.gs | hist_deacetyl(HMM:1.5e-76) |
| 18253 | OJ990504_03.0419.C129.p1.gs | hist_deacetyl(HMM:4.8e-06) |
| 18254 | OJ990520_23.0103.C9.p1.gs | hist_deacetyl(HMM:1.2e-114) |
| 18255 | OJ991008_18.0106.C9.p2.gs | hist_deacetyl(HMM:5.5e-125) |
| 18256 | OJ991106_37.0419.C17.p1.gs | hist_deacetyl(HMM:4.2e-05) |
| 18257 | OJ000114_27.0419.C27.p1.gs | histone(HMM:1e-34) |
| 18258 | OJ000214_10.0404.C1.p1.gs | histone(HMM:4.2e-45) |
| 18259 | OJ000214_13.0320.C12.p2.gs | histone(HMM:4.2e-45) |
| 18260 | OJ000214_13.0320.C15.p1.gs | histone(HMM:1.6e-44) |
| 18261 | OJ000217_16.0403.C17.p3.gs | histone(HMM:2.5e-46) |
| 18262 | OJ000223_11.0405.C25.p1.gs | histone(HMM:0.0011) |
| 18263 | OJ000251_33.0331.C27.p1.gs | histone(HMM:2.8e-40) |
| 18264 | OJ000251_33.0331.C30.p2.gs | histone(HMM:4.2e-45) |
| 18265 | OJ000301_03.0404.C12.p2.gs | histone(HMM:2e-47) |
| 18266 | OJ000302_09.0414.C4.p3.gs | histone(HMM:4.1e-19) |
| 18267 | OJ000310_11.0411.C19.p1.gs | histone(HMM:9.7e-45) |
| 18268 | OJ000310_11.0420.C7.p2.gs | histone(HMM:1.9e-12) |
| 18269 | OJ000310_23.0419.C46.p1.gs | histone(HMM:1.3e-46) |
| 18270 | OJ000310_29.0412.C29.p1.gs | histone(HMM:6.8e-46) |
| 18271 | OJ000310_29.0412.C34.p1.gs | histone(HMM:2.1e-46) |
| 18272 | OJ000310_29.0412.C46.p2.gs | histone(HMM:1.9e-46) |
| 18273 | OJ000310_29.0412.C58.p2.gs | histone(HMM:2.8e-45) |
| 18274 | OJ000310_29.0420.C19.p2.gs | histone(HMM:2.1e-46) |
| 18275 | OJ000310_29.0420.C45.p2.gs | histone(HMM:1.9e-46) |
| 18276 | OJ000310_29.0420.C52.p2.gs | histone(HMM:2.8e-45) |
| 18277 | OJ000310_29.0420.C8.p1.gs | histone(HMM:3.7e-46) |
| 18278 | OJ000320_11.0419.C32.p1.gs | histone(HMM:5.3) |
| 18279 | OJ000330_11.0419.C49.p1.gs | histone(HMM:9e-48) |
| 18280 | OJ000350_52.0314.C2.p4.gs | histone(HMM:3e-10) |
| 18281 | OJ000403_16.0419.C7.p1.gs | histone(HMM:2e-47) |
| 18282 | OJ000404_22.0424.C15.p3.gs | histone(HMM:2.3e-43) |
| 18283 | OJ000450_12.0410.C1.p10.gs | histone(HMM:4.1e-19) |
| 18284 | OJ990105_06.9819.C16.p1.gs | histone(HMM:6.1e-06) |
| 18285 | OJ990304_01.9819.C8.p2.gs | histone(HMM:1.2e-14) |
| 18286 | OJ990316_13.9819.C11.p4.gs | histone(HMM:4.1e-19) |
| 18287 | OJ990428_07.9C10.C2.p3.gs | histone(HMM:1.9e-46) |
| 18288 | OJ990428_07.9C10.C24.p1.gs | histone(HMM:8.4e-25) |
| 18289 | OJ990428_07.9C10.C52.p2.gs | histone(HMM:2.8e-45) |
| 18290 | OJ990428_20.9924.C16.p2.gs | histone(HMM:4.1e-19) |
| 18291 | OJ990429_12.9819.C28.p1.gs | histone(HMM:2.5e-11) |

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| 18400 | OJ000350_69.0406.C37.p1.gs | hlh(HMM:2.8e-09) |
| 18401 | OJ000403_05.0419.C7.p1.gs | hlh(HMM:2.8e-10) |
| 18402 | OJ000404_02.0421.C15.p1.gs | hlh(HMM:1e-06) |
| 18403 | OJ000404_33.0424.C24.p1.gs | hlh(HMM:7.4e-16) |
| 18404 | OJ000450_01.0419.C28.p4.gs | hlh(HMM:9.3e-09) |
| 18405 | OJ000450_05.0419.C14.p1.gs | hlh(HMM:2.3e-06) |
| 18406 | OJ990301_09.9819.C4.p2.gs | hlh(HMM:8e-08) |
| 18407 | OJ990303_10.0420.C47.p1.gs | hlh(HMM:0.56) |
| 18408 | OJ990303_10.9819.C29.p2.gs | hlh(HMM:0.56) |
| 18409 | OJ990310_04.9819.C26.p4.gs | hlh(HMM:0.038) |
| 18410 | OJ990311_14.9819.C2.p5.gs | hlh(HMM:0.00077) |
| 18411 | OJ990312_01.9A01.C13.p1.gs | hlh(HMM:5.6e-15) |
| 18412 | OJ990312_01.9A01.C23.p1.gs | hlh(HMM:2.9e-15) |
| 18413 | OJ990316_17.9819.C5.p10.gs | hlh(HMM:1.8e-10) |
| 18414 | OJ990317_04.0128.C39.p1.gs | hlh(HMM:3.1e-07) |
| 18415 | OJ990323_07.9A06.C33.p1.gs | hlh(HMM:0.0018) |
| 18416 | OJ990407_03.0420.C20.p1.gs | hlh(HMM:4.6e-08) |
| 18417 | OJ990407_11.9922.C18.p2.gs | hlh(HMM:4.6e-08) |
| 18418 | OJ990419_05.9B05.C27.p4.gs | hlh(HMM:1.2e-09) |
| 18419 | OJ990428_25.9819.C3.p1.gs | hlh(HMM:0.023) |
| 18420 | OJ990428_25.9819.C4.p3.gs | hlh(HMM:0.072) |
| 18421 | OJ990430_06.9C03.C54.p2.gs | hlh(HMM:1.2e-09) |
| 18422 | OJ990501_24.9C03.C3.p1.gs | hlh(HMM:2.1e-11) |
| 18423 | OJ990501_28.9922.C2.p3.gs | hlh(HMM:0.0041) |
| 18424 | OJ990502_31.9A15.C12.p1.gs | hlh(HMM:1.1e-11) |
| 18425 | OJ990503_05.9B12.C35.p1.gs | hlh(HMM:0.77) |
| 18426 | OJ990528_06.9C03.C30.p1.gs | hlh(HMM:2e-11) |
| 18427 | OJ990619_50.0211.C30.p1.gs | hlh(HMM:0.092) |
| 18428 | OJ990626_47.9922.C12.p1.gs | hlh(HMM:3.1e-11) |
| 18429 | OJ990626_47.9922.C19.p1.gs | hlh(HMM:0.31) |
| 18430 | OJ990722_05.9A06.C10.p1.gs | hlh(HMM:0.013) |
| 18431 | OJ990804_01.9C17.C37.p2.gs | hlh(HMM:1.5e-11) |
| 18432 | OJ990804_01.9C17.C37.p6.gs | hlh(HMM:2.4e-17) |
| 18433 | OJ990809_01.0303.C27.p1.gs | hlh(HMM:6.4) |
| 18434 | OJ990809_01.0303.C32.p2.gs | hlh(HMM:0.0035) |
| 18435 | OJ990818_04.9A01.C4.p2.gs | hlh(HMM:6.8e-11) |
| 18436 | OJ990821_59.9C23.C13.p1.gs | hlh(HMM:8.4e-16) |
| 18437 | OJ990822_52.0128.C2.p4.gs | hlh(HMM:2.6e-08) |
| 18438 | OJ990826_02.9B04.C10.p1.gs | hlh(HMM:1.1e-11) |
| 18439 | OJ990907_10.0128.C14.p1.gs | hlh(HMM:7.4e-16) |
| 18440 | OJ990908_01.0218.C3.p5.gs | hlh(HMM:2.8e-10) |
| 18441 | OJ990915_17.9C23.C17.p1.gs | hlh(HMM:3.8e-12) |
| 18442 | OJ991013_07.0223.C22.p1.gs | hlh(HMM:1e-15) |
| 18443 | OJ991013_07.0317.C13.p3.gs | hlh(HMM:1e-15) |
| 18444 | OJ991020_06.0215.C16.p2.gs | hlh(HMM:2.6e-12) |
| 18445 | OJ991020_06.0303.C13.p2.gs | hlh(HMM:2.6e-12) |
| 18446 | OJ991102_06.0120.C5.p3.gs | hlh(HMM:6.3e-13) |
| 18447 | OJ991107_44.0421.C5.p2.gs | hlh(HMM:2.3e-14) |
| 18448 | OJ991107_44.9C27.C5.p2.gs | hlh(HMM:2.3e-14) |
| 18449 | OJ991112_08.0421.C7.p2.gs | hlh(HMM:8e-08) |
| 18450 | OJ991112_08.9C22.C7.p2.gs | hlh(HMM:8e-08) |
| 18451 | OJ991112_13.0110.C6.p5.gs | hlh(HMM:2.1e-12) |
| 18452 | OJ991117_06.0419.C10.p1.gs | hlh(HMM:0.0022) |
| 18453 | OJ991117_15.0331.C12.p3.gs | hlh(HMM:0.00038) |

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| 18508 | OJ990315_09.0128.C20.p2.gs | homeobox(HMM:1.6e-20) |
| 18509 | OJ990315_09.0421.C13.p1.gs | homeobox(HMM:8e-20) |
| 18510 | OJ990315_09.0421.C19.p2.gs | homeobox(HMM:1.6e-20) |
| 18511 | OJ990331_01.9922.C10.p1.gs | homeobox(HMM:5.5e-15) |
| 18512 | OJ990520_01.9B12.C29.p2.gs | homeobox(HMM:2.1e-17) |
| 18513 | OJ990526_09.9924.C10.p1.gs | homeobox(HMM:4.1e-11) |
| 18514 | OJ990527_26.9C10.C2.p6.gs | homeobox(HMM:0.074) |
| 18515 | OJ990530_35.0103.C54.p1.gs | homeobox(HMM:1e-19) |
| 18516 | OJ990530_35.0421.C53.p1.gs | homeobox(HMM:1e-19) |
| 18517 | OJ990602_12.0421.C6.p1.gs | homeobox(HMM:4.2e-18) |
| 18518 | OJ990602_12.9C22.C8.p1.gs | homeobox(HMM:4.2e-18) |
| 18519 | OJ990630_11.9B15.C6.p6.gs | homeobox(HMM:5.7e-20) |
| 18520 | OJ990730_06.0310.C30.p3.gs | homeobox(HMM:1e-19) |
| 18521 | OJ990730_08.9C10.C3.p6.gs | homeobox(HMM:2.1e-17) |
| 18522 | OJ990805_01.9B19.C9.p1.gs | homeobox(HMM:8.9e-13) |
| 18523 | OJ990810_06.9922.C3.p6.gs | homeobox(HMM:1e-19) |
| 18524 | OJ990825_16.0303.C9.p1.gs | homeobox(HMM:0.051) |
| 18525 | OJ990921_14.0308.C6.p2.gs | homeobox(HMM:6.9e-20) |
| 18526 | OJ990923_14.0228.C79.p2.gs | homeobox(HMM:7.8e-19) |
| 18527 | OJ990924_11.0103.C1.p1.gs | homeobox(HMM:3.1e-14) |
| 18528 | OJ991022_14.0119.C3.p2.gs | homeobox(HMM:0.058) |
| 18529 | OJ991028_10.0118.C10.p1.gs | homeobox(HMM:1e-19) |
| 18530 | OJ991102_06.0120.C7.p4.gs | homeobox(HMM:1.7e-20) |
| 18531 | OJ991106_43.0105.C2.p3.gs | homeobox(HMM:1.6e-20) |
| 18532 | OJ991112_17.9C20.C12.p1.gs | homeobox(HMM:0.049) |
| 18533 | OJ991202_05.0421.C3.p5.gs | homeobox(HMM:8.1e-19) |
| 18534 | OJ991202_05.9C30.C3.p5.gs | homeobox(HMM:8.1e-19) |
| 18535 | OJ991202_19.0114.C7.p3.gs | homeobox(HMM:4e-08) |
| 18536 | OJ991202_19.0421.C6.p3.gs | homeobox(HMM:4e-08) |
| 18537 | OJ991208_02.0106.C5.p5.gs | homeobox(HMM:0.014) |
| 18538 | OJ991209_05.0118.C8.p5.gs | homeobox(HMM:3.1e-20) |
| 18539 | OJ991216_02.0218.C8.p3.gs | homeobox(HMM:0.011) |
| 18540 | OJ991226_32.0308.C23.p2.gs | homeobox(HMM:6.9e-20) |
| 18541 | OJ000111_01.0225.C3.p7.gs | homeobox(HMM:0.0034),homeo box_knox3(4.5e-10) |
| 18542 | OJ000111_01.0426.C3.p7.gs | homeobox(HMM:0.0034),homeo box_knox3(4.5e-10) |
| 18543 | OJ000150_02.0124.C45.p1.gs | homeobox(HMM:0.00038),homeo box_knox3(1.2e-09) |
| 18544 | OJ000221_03.0403.C14.p2.gs | homeobox(HMM:0.0054),homeo box_knox3(4.4e-19) |
| 18545 | OJ000221_03.0403.C8.p4.gs | homeobox(HMM:0.0037),homeo box_knox3(2.5e-09) |
| 18546 | OJ000301_28.0330.C5.p3.gs | homeobox(HMM:0.0034),homeo box_knox3(4.4e-10) |
| 18547 | OJ000323_37.0418.C8.p1.gs | homeobox(HMM:0.19),homeobo x_knox3(8.7e-08) |
| 18548 | OJ990122_01.9819.C3.p2.gs | homeobox(HMM:0.19),homeobo x_knox3(9.1e-08) |
| 18549 | OJ990430_20.9A20.C1.p1.gs | homeobox(HMM:0.0054),homeo box_knox3(1.6e-19) |
| 18550 | OJ990502_22.9A14.C9.p1.gs | homeobox(HMM:0.0067),homeo box_knox3(4.7e-08) |
| 18551 | OJ990505_06.9A11.C19.p1.gs | homeobox(HMM:0.00038),homeo |

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| 18552 | OJ990729_04.0317.C4.p1.gs | obox_knox3(1.2e-09) homeobox(HMM:0.19),homeobo x_knox3(8.9e-08) |
| 18553 | OJ990823_02.9B15.C15.p2.gs | homeobox(HMM:0.0034),homeo box_knox3(3.9e-10) |
| 18554 | OJ990826_02.9B04.C17.p5.gs | homeobox(HMM:0.0054),homeo box_knox3(1.8e-19) |
| 18555 | OJ991201_15.0127.C4.p1.gs | homeobox(HMM:0.0037),homeo box_knox3(1.4e-09) |
| 18556 | OJ991217_13.0118.C11.p3.gs | homeobox(HMM:0.00024),home obox_knox3(1.3e-09) |
| 18557 | OJ991225_73.0317.C13.p2.gs | homeobox(HMM:0.0022),homeo box_knox3(1.1e-09) |
| 18558 | OJ990730_04.9920.C7.p2.gs | homeobox(HMM:1.7e- 18),homeobox_mat(0.0008) |
| 18559 | OJ991116_09.0222.C12.p2.gs | homeobox(HMM:1.7e- 18),homeobox_mat(0.0008) |
| 18560 | OJ991116_09.0414.C13.p2.gs | homeobox(HMM:1.7e- 18),homeobox_mat(0.0008) |
| 18561 | OJ000113_20.0203.C12.p1.gs | homeobox_knox3(5.3e-08) |
| 18562 | OJ000217_01.0308.C6.p7.gs | homeobox_knox3(1.3e-07) |
| 18563 | OJ000223_11.0405.C13.p1.gs | homeobox_knox3(4.3e-05) |
| 18564 | OJ000223_11.0405.C14.p1.gs | homeobox_knox3(1.0e-07) |
| 18565 | OJ000114_27.0419.C23.p1.gs | hsf_dna-bind(HMM:6.7e-09) |
| 18566 | OJ000204_21.0413.C2.p1.gs | hsf_dna-bind(HMM:6.7e-06) |
| 18567 | OJ000204_21.0413.C3.p2.gs | hsf_dna-bind(HMM:0.001) |
| 18568 | OJ000204_22.0419.C11.p1.gs | hsf_dna-bind(HMM:0.001) |
| 18569 | OJ000210_10.0307.C10.p1.gs | hsf_dna-bind(HMM:1.7e-45) |
| 18570 | OJ000221_08.0320.C6.p4.gs | hsf_dna-bind(HMM:1.4e-75) |
| 18571 | OJ000310_08.0419.C8.p3.gs | hsf_dna-bind(HMM:3.2e-07) |
| 18572 | OJ000314_08.0414.C1.p2.gs | hsf_dna-bind(HMM:3.2e-54) |
| 18573 | OJ000314_33.0419.C6.p4.gs | hsf_dna-bind(HMM:1.3e-56) |
| 18574 | OJ000320_15.0411.C9.p2.gs | hsf_dna-bind(HMM:5e-73) |
| 18575 | OJ000320_21.0419.C33.p1.gs | hsf_dna-bind(HMM:8.8e-46) |
| 18576 | OJ000323_08.0419.C4.p1.gs | hsf_dna-bind(HMM:5.2e-11) |
| 18577 | OJ000323_08.0419.C5.p1.gs | hsf_dna-bind(HMM:4.3e-08) |
| 18578 | OJ000323_16.0421.C22.p1.gs | hsf_dna-bind(HMM:3.7e-07) |
| 18579 | OJ990315_09.0128.C5.p1.gs | hsf_dna-bind(HMM:3.6e-53) |
| 18580 | OJ990315_09.0421.C5.p1.gs | hsf_dna-bind(HMM:3.6e-53) |
| 18581 | OJ990423_07.9B01.C25.p1.gs | hsf_dna-bind(HMM:1.1e-70) |
| 18582 | OJ990527_20.0419.C45.p2.gs | hsf_dna-bind(HMM:6.1e-57) |
| 18583 | OJ990620_36.9B04.C6.p3.gs | hsf_dna-bind(HMM:6.1e-57) |
| 18584 | OJ990701_01.9919.C7.p2.gs | hsf_dna-bind(HMM:3.3e-62) |
| 18585 | OJ990816_07.0225.C4.p2.gs | hsf_dna-bind(HMM:0.0012) |
| 18586 | OJ990817_12.0103.C2.p2.gs | hsf_dna-bind(HMM:6.5e-11) |
| 18587 | OJ990817_12.0103.C3.p1.gs | hsf_dna-bind(HMM:1.3e-07) |
| 18588 | OJ990903_04.9B12.C28.p2.gs | hsf_dna-bind(HMM:9.2e-09) |
| 18589 | OJ991027_16.0118.C12.p3.gs | hsf_dna-bind(HMM:1.4e-56) |
| 18590 | OJ991106_43.0105.C4.p1.gs | hsf_dna-bind(HMM:4.9e-48) |
| 18591 | OJ991114_37.0128.C1.p1.gs | hsf_dna-bind(HMM:3.3e-62) |
| 18592 | OJ991121_30.0419.C4.p2.gs | hsf_dna-bind(HMM:2.1) |
| 18593 | OJ991202_08.0421.C15.p1.gs | hsf_dna-bind(HMM:5.2e-11) |
| 18594 | OJ991202_08.9C30.C14.p1.gs | hsf_dna-bind(HMM:5.2e-11) |
| 18595 | OJ991210_11.0121.C16.p1.gs | hsf_dna-bind(HMM:6.1e-08) |

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| 18596 | OJ991214_05.0214.C9.p3.gs | hsf_dna-bind(HMM:0.00042) |
| 18597 | OJ991226_43.0315.C7.p4.gs | hsf_dna-bind(HMM:5.2e-11) |
| 18598 | OJ000107_10.0215.C14.p2.gs | iaa(HMM:2.5e-40) |
| 18599 | OJ000107_10.0426.C14.p2.gs | iaa(HMM:2.5e-40) |
| 18600 | OJ000118_21.0313.C6.p1.gs | iaa(HMM:2.5e-40) |
| 18601 | OJ000125_05.0316.C8.p2.gs | iaa(HMM:2.1e-24) |
| 18602 | OJ000150_00.0124.C56.p2.gs | iaa(HMM:2.8e-39) |
| 18603 | OJ000150_19.0124.C1.p1.gs | iaa(HMM:3.8e-23) |
| 18604 | OJ000150_19.0124.C2.p3.gs | iaa(HMM:0.00048) |
| 18605 | OJ000250_43.0214.C5.p14.gs | iaa(HMM:2.6e-24) |
| 18606 | OJ000301_04.0403.C25.p1.gs | iaa(HMM:1.9e-12) |
| 18607 | OJ000302_05.0406.C13.p1.gs | iaa(HMM:6.1e-16) |
| 18608 | OJ000307_13.0419.C11.p1.gs | iaa(HMM:0.0014) |
| 18609 | OJ000307_13.0419.C8.p4.gs | iaa(HMM:3.2e-48) |
| 18610 | OJ000310_07.0418.C8.p1.gs | iaa(HMM:7.7e-36) |
| 18611 | OJ000310_08.0419.C33.p2.gs | iaa(HMM:3.8e-45) |
| 18612 | OJ000313_05.0419.C44.p1.gs | iaa(HMM:0.013) |
| 18613 | OJ000320_29.0419.C3.p2.gs | iaa(HMM:1.6e-14) |
| 18614 | OJ000329_12.0419.C18.p2.gs | iaa(HMM:4.6e-28) |
| 18615 | OJ000330_35.0419.C23.p1.gs | iaa(HMM:5.2e-15) |
| 18616 | OJ000404_33.0424.C15.p1.gs | iaa(HMM:1.2e-25) |
| 18617 | OJ000450_08.0414.C22.p1.gs | iaa(HMM:0.013) |
| 18618 | OJ990311_14.9819.C2.p2.gs | iaa(HMM:2.6e-45) |
| 18619 | OJ990315_09.0128.C8.p2.gs | iaa(HMM:3.8e-45) |
| 18620 | OJ990315_09.0421.C8.p2.gs | iaa(HMM:3.8e-45) |
| 18621 | OJ990414_03.9C03.C10.p2.gs | iaa(HMM:2.3e-18) |
| 18622 | OJ990428_28.9A08.C7.p3.gs | iaa(HMM:3.9e-25) |
| 18623 | OJ990512_08.0419.C41.p1.gs | iaa(HMM:1.5e-22) |
| 18624 | OJ990519_28.9924.C16.p2.gs | iaa(HMM:3.9e-25) |
| 18625 | OJ990619_48.9A20.C1.p1.gs | iaa(HMM:5.4e-56) |
| 18626 | OJ990619_54.9922.C3.p1.gs | iaa(HMM:1.4e-49) |
| 18627 | OJ990708_04.9A01.C9.p1.gs | iaa(HMM:2.9e-34) |
| 18628 | OJ990808_54.0421.C7.p1.gs | iaa(HMM:0.65) |
| 18629 | OJ990808_54.9C20.C8.p1.gs | iaa(HMM:0.65) |
| 18630 | OJ990822_48.0106.C2.p2.gs | iaa(HMM:5.4e-31) |
| 18631 | OJ990830_09.9C23.C3.p3.gs | iaa(HMM:0.22) |
| 18632 | OJ990922_10.0128.C12.p5.gs | iaa(HMM:6.6e-36) |
| 18633 | OJ991106_43.0105.C7.p2.gs | iaa(HMM:3.8e-45) |
| 18634 | OJ991107_44.0421.C3.p2.gs | iaa(HMM:8.1e-15) |
| 18635 | OJ991107_44.9C27.C3.p2.gs | iaa(HMM:8.1e-15) |
| 18636 | OJ991114_35.0419.C20.p1.gs | iaa(HMM:9e-30) |
| 18637 | OJ991122_05.0210.C10.p1.gs | iaa(HMM:6.6e-20) |
| 18638 | OJ991122_05.0303.C2.p1.gs | iaa(HMM:6.6e-20) |
| 18639 | OJ991122_05.0421.C2.p1.gs | iaa(HMM:6.6e-20) |
| 18640 | OJ991203_01.0128.C10.p3.gs | iaa(HMM:9e-30) |
| 18641 | OJ991211_35.0420.C15.p3.gs | iaa(HMM:2.6e-28) |
| 18642 | OJ000303_07.0419.C27.p2.gs | ibr(HMM:7.4e-10) |
| 18643 | OJ000303_07.0419.C27.p3.gs | ibr(HMM:0.45) |
| 18644 | OJ000306_05.0419.C4.p2.gs | ibr(HMM:5.1e-19) |
| 18645 | OJ000306_06.0403.C16.p1.gs | ibr(HMM:2.3e-11) |
| 18646 | OJ000306_06.0403.C16.p2.gs | ibr(HMM:5.1e-19) |
| 18647 | OJ000313_26.0407.C14.p1.gs | ibr(HMM:1.9e-15) |
| 18648 | OJ000313_26.0420.C14.p1.gs | ibr(HMM:1.9e-15) |
| 18649 | OJ000314_15.0419.C24.p1.gs | ibr(HMM:5.1e-10) |

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| 18650 | OJ990528_30.9919.C9.p1.gs | ibr(HMM:1.3e-20) |
| 18651 | OJ990810_02.9B08.C9.p1.gs | ibr(HMM:2.3e-11) |
| 18652 | OJ990810_02.9B08.C9.p2.gs | ibr(HMM:5.1e-19) |
| 18653 | OJ000111_12.0313.C5.p4.gs | ibr(HMM:6.9e-05),zf-c3hc4(HMM:0.0042) |
| 18654 | OJ000111_12.0426.C5.p4.gs | ibr(HMM:6.9e-05),zf-c3hc4(HMM:0.0042) |
| 18655 | OJ000112_04.0202.C2.p2.gs | ibr(HMM:0.014),zf-c3hc4(HMM:0.0063) |
| 18656 | OJ000112_04.0426.C2.p2.gs | ibr(HMM:0.014),zf-c3hc4(HMM:0.0063) |
| 18657 | OJ000250_49.0214.C8.p3.gs | ibr(HMM:0.003),zf-c3hc4(HMM:0.15) |
| 18658 | OJ000303_28.0419.C19.p2.gs | ibr(HMM:0.003),zf-c3hc4(HMM:0.15) |
| 18659 | OJ000306_05.0419.C4.p1.gs | ibr(HMM:6.6),zf-c3hc4(HMM:0.043) |
| 18660 | OJ000314_15.0419.C16.p1.gs | ibr(HMM:5.9e-11),zf-c3hc4(HMM:0.18) |
| 18661 | OJ990619_35.9927.C5.p12.gs | ibr(HMM:0.057),zf-c3hc4(HMM:0.09) |
| 18662 | OJ990727_05.9A26.C4.p2.gs | ibr(HMM:1.4e-06),zf-c3hc4(HMM:0.052) |
| 18663 | OJ000113_15.0210.C13.p1.gs | k-box(HMM:7.7e-09) |
| 18664 | OJ000150_15.0124.C25.p1.gs | k-box(HMM:1.4e-26) |
| 18665 | OJ000223_06.0316.C7.p1.gs | k-box(HMM:5.6e-05) |
| 18666 | OJ000224_03.0404.C19.p1.gs | k-box(HMM:1.4e-26) |
| 18667 | OJ000250_48.0211.C12.p2.gs | k-box(HMM:6.4e-14) |
| 18668 | OJ000250_82.0320.C45.p7.gs | k-box(HMM:2.4e-07) |
| 18669 | OJ000250_82.0320.C46.p1.gs | k-box(HMM:0.006) |
| 18670 | OJ000251_48.0228.C11.p1.gs | k-box(HMM:1.9e-05) |
| 18671 | OJ000306_08.0419.C59.p1.gs | k-box(HMM:1.7e-06) |
| 18672 | OJ000404_14.0424.C22.p1.gs | k-box(HMM:0.009) |
| 18673 | OJ990312_12.9819.C28.p2.gs | k-box(HMM:0.00079) |
| 18674 | OJ990517_23.9C10.C9.p5.gs | k-box(HMM:3.8e-30) |
| 18675 | OJ990525_14.9C03.C6.p2.gs | k-box(HMM:0.00016) |
| 18676 | OJ990528_21.9B12.C23.p4.gs | k-box(HMM:3.8e-30) |
| 18677 | OJ990604_02.9A01.C22.p1.gs | k-box(HMM:3.8e-30) |
| 18678 | OJ990727_04.9A20.C3.p6.gs | k-box(HMM:2.5e-05) |
| 18679 | OJ990823_06.9B03.C3.p1.gs | k-box(HMM:7.8e-07) |
| 18680 | OJ991020_07.0202.C15.p1.gs | k-box(HMM:3.9e-15) |
| 18681 | OJ991113_34.0421.C9.p4.gs | k-box(HMM:6.5) |
| 18682 | OJ991113_34.9C27.C29.p1.gs | k-box(HMM:6.5) |
| 18683 | OJ991208_01.0110.C9.p1.gs | k-box(HMM:2.8e-05) |
| 18684 | OJ991211_57.0228.C13.p1.gs | k-box(HMM:1.9e-05) |
| 18685 | OJ000204_15.0302.C2.p2.gs | k-box(HMM:3.9e-06),srf-tf(HMM:3.7e-35) |
| 18686 | OJ000210_21.0419.C15.p7.gs | k-box(HMM:0.0051),srf-tf(HMM:3e-29) |
| 18687 | OJ000250_82.0320.C45.p6.gs | k-box(HMM:5.4e-17),srf-tf(HMM:5.2e-12) |
| 18688 | OJ000302_10.0418.C12.p1.gs | k-box(HMM:4.8e-24),srf-tf(HMM:1e-35) |
| 18689 | OJ000306_09.0407.C36.p1.gs | k-box(HMM:1.4e-06),srf- |

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| 18690 | OJ000350_26.0323.C10.p7.gs | tf(HMM:1.1e-33) k-box(HMM:1.7e-13),srf- tf(HMM:1.4e-37) |
| 18691 | OJ990515_20.9924.C4.p1.gs | k-box(HMM:1.3e-13),srf- tf(HMM:3.1e-38) |
| 18692 | OJ991115_09.0421.C11.p2.gs | k-box(HMM:6.7e-27),srf- tf(HMM:3.1e-38) |
| 18693 | OJ991115_09.9C22.C11.p2.gs | k-box(HMM:6.7e-27),srf- tf(HMM:3.1e-38) |
| 18694 | OJ991206_18.0131.C13.p5.gs | k-box(HMM:6.7e-27),srf- tf(HMM:3.1e-38) |
| 18695 | OJ991211_65.0317.C11.p1.gs | k-box(HMM:5.4e-31),srf- tf(HMM:6.4e-37) |
| 18696 | OJ000102_56.0407.C45.p2.gs | lim(HMM:1.1e-32) |
| 18697 | OJ000102_56.0426.C45.p2.gs | lim(HMM:1.1e-32) |
| 18698 | OJ000251_37.0315.C43.p3.gs | lim(HMM:0.00011) |
| 18699 | OJ000251_42.0328.C11.p2.gs | lim(HMM:8.1e-31) |
| 18700 | OJ000301_15.0330.C7.p1.gs | lim(HMM:6.3e-33) |
| 18701 | OJ000307_05.0403.C12.p1.gs | lim(HMM:7.3e-15) |
| 18702 | OJ000310_31.0425.C12.p1.gs | lim(HMM:2e-16) |
| 18703 | OJ000323_09.0424.C18.p1.gs | lim(HMM:6.3e-33) |
| 18704 | OJ000450_09.0412.C2.p5.gs | lim(HMM:1e-33) |
| 18705 | OJ990420_06.9923.C24.p1.gs | lim(HMM:5.2e-23) |
| 18706 | OJ990503_01.9A29.C47.p1.gs | lim(HMM:1.1e-23) |
| 18707 | OJ991011_05.0103.C7.p1.gs | lim(HMM:2.4e-26) |
| 18708 | OJ991111_07.0330.C4.p3.gs | lim(HMM:0.0086),zf- c3hc4(HMM:5.2e-25) |
| 18709 | OJ000150_00.0124.C64.p3.gs | linker_histone(HMM:2.3e-35) |
| 18710 | OJ990323_15.9A11.C4.p3.gs | linker_histone(HMM:2.3e-35) |
| 18711 | OJ990907_15.9C03.C5.p2.gs | linker_histone(HMM:1.9e-27) |
| 18712 | OJ991015_17.0222.C32.p3.gs | linker_histone(HMM:1.1e-05) |
| 18713 | OJ991108_19.0419.C69.p3.gs | linker_histone(HMM:1.1e-05) |
| 18714 | OJ991115_07.0218.C7.p2.gs | linker_histone(HMM:1.2e-24) |
| 18715 | OJ990708_04.9A01.C10.p2.gs | linker_histone(HMM:9.3e- 06),myb_dna- binding(HMM:8.2e-05) |
| 18716 | OJ000102_56.0407.C45.p4.gs | myb_dna-binding(HMM:0.091) |
| 18717 | OJ000102_56.0426.C45.p4.gs | myb_dna-binding(HMM:0.091) |
| 18718 | OJ000105_11.0310.C3.p1.gs | myb_dna- binding(HMM:0.00061) |
| 18719 | OJ000105_11.0426.C3.p1.gs | myb_dna- binding(HMM:0.00061) |
| 18720 | OJ000108_30.0403.C40.p2.gs | myb_dna-binding(HMM:7.1e-40) |
| 18721 | OJ000108_30.0426.C40.p2.gs | myb_dna-binding(HMM:7.1e-40) |
| 18722 | OJ000110_04.0426.C15.p1.gs | myb_dna-binding(HMM:2.5e-36) |
| 18723 | OJ000110_04.0426.C9.p4.gs | myb_dna-binding(HMM:0.0089) |
| 18724 | OJ000112_16.0202.C3.p2.gs | myb_dna-binding(HMM:0.19) |
| 18725 | OJ000112_16.0426.C3.p2.gs | myb_dna-binding(HMM:0.19) |
| 18726 | OJ000114_03.0320.C13.p2.gs | myb_dna-binding(HMM:7.6e-36) |
| 18727 | OJ000117_03.0225.C6.p2.gs | myb_dna-binding(HMM:2.9e-40) |
| 18728 | OJ000117_03.0317.C9.p1.gs | myb_dna-binding(HMM:2.9e-40) |
| 18729 | OJ000118_13.0419.C5.p1.gs | myb_dna-binding(HMM:3e-06) |
| 18730 | OJ000126_12.0229.C6.p4.gs | myb_dna-binding(HMM:8.3e-41) |
| 18731 | OJ000150_17.0124.C39.p5.gs | myb_dna- |

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| 18732 | OJ000150_24.0124.C2.p3.gs | binding(HMM:0.00023) |
| 18733 | OJ000207_08.0302.C14.p1.gs | myb_dna-binding(HMM:1.7e-46) |
| 18734 | OJ000207_17.0306.C10.p3.gs | myb_dna-binding(HMM:0.0024) |
| 18735 | OJ000207_17.0323.C8.p2.gs | myb_dna-binding(HMM:1.5e-42) |
| 18736 | OJ000209_08.0309.C18.p3.gs | myb_dna-binding(HMM:0.22) |
| 18737 | OJ000209_08.0309.C2.p2.gs | myb_dna-binding(HMM:2e-39) |
| 18738 | OJ000209_09.0301.C16.p1.gs | myb_dna-binding(HMM:9.2e-41) |
| 18739 | OJ000209_09.0301.C7.p6.gs | myb_dna-binding(HMM:9.4e-17) |
| | | myb_dna-binding(HMM:0.00012) |
| 18740 | OJ000209_09.0323.C10.p2.gs | myb_dna-binding(HMM:5.3e-06) |
| 18741 | OJ000209_09.0323.C13.p1.gs | myb_dna-binding(HMM:9.4e-17) |
| 18742 | OJ000209_13.0316.C5.p3.gs | myb_dna-binding(HMM:0.12) |
| 18743 | OJ000209_23.0320.C5.p2.gs | myb_dna-binding(HMM:2e-39) |
| 18744 | OJ000210_18.0310.C13.p2.gs | myb_dna-binding(HMM:6.5e-29) |
| 18745 | OJ000221_09.0419.C19.p3.gs | myb_dna-binding(HMM:3.3e-33) |
| 18746 | OJ000221_20.0314.C8.p1.gs | myb_dna-binding(HMM:0.0048) |
| 18747 | OJ000222_08.0317.C5.p1.gs | myb_dna-binding(HMM:6.9e-46) |
| 18748 | OJ000222_12.0404.C10.p3.gs | myb_dna-binding(HMM:7.4e-30) |
| 18749 | OJ000223_01.0320.C15.p2.gs | myb_dna-binding(HMM:1.4e-10) |
| 18750 | OJ000223_16.0320.C8.p3.gs | myb_dna-binding(HMM:0.025) |
| 18751 | OJ000228_06.0406.C3.p1.gs | myb_dna-binding(HMM:0.0098) |
| 18752 | OJ000229_14.0327.C16.p1.gs | myb_dna-binding(HMM:2.7e-21) |
| 18753 | OJ000229_14.0327.C6.p2.gs | myb_dna-binding(HMM:1.5e-46) |
| 18754 | OJ000229_23.0323.C25.p5.gs | myb_dna-binding(HMM:0.0044) |
| 18755 | OJ000250_27.0303.C17.p1.gs | myb_dna-binding(HMM:0.00023) |
| 18756 | OJ000250_37.0210.C13.p4.gs | myb_dna-binding(HMM:2.7e-31) |
| 18757 | OJ000250_40.0211.C23.p3.gs | myb_dna-binding(HMM:2e-38) |
| 18758 | OJ000250_46.0211.C6.p1.gs | myb_dna-binding(HMM:8.5e-28) |
| 18759 | OJ000250_46.0303.C2.p4.gs | myb_dna-binding(HMM:8.5e-28) |
| 18760 | OJ000250_48.0211.C1.p3.gs | myb_dna-binding(HMM:1.7e-46) |
| 18761 | OJ000250_89.0214.C6.p1.gs | myb_dna-binding(HMM:0.034) |
| 18762 | OJ000250_91.0405.C8.p1.gs | myb_dna-binding(HMM:0.034) |
| 18763 | OJ000251_42.0328.C12.p2.gs | myb_dna-binding(HMM:0.091) |
| 18764 | OJ000251_42.0328.C13.p2.gs | myb_dna-binding(HMM:2.9e-38) |
| 18765 | OJ000301_13.0330.C21.p6.gs | myb_dna-binding(HMM:8.8e-14) |
| 18766 | OJ000301_13.0330.C6.p1.gs | myb_dna-binding(HMM:0.024) |
| 18767 | OJ000302_04.0410.C11.p1.gs | myb_dna-binding(HMM:1.2e-40) |
| 18768 | OJ000302_15.0331.C20.p1.gs | myb_dna-binding(HMM:1.2e-17) |
| 18769 | OJ000303_15.0419.C22.p2.gs | myb_dna-binding(HMM:0.024) |
| 18770 | OJ000306_18.0419.C10.p1.gs | myb_dna-binding(HMM:0.00061) |
| 18771 | OJ000313_29.0419.C8.p2.gs | myb_dna-binding(HMM:4e-19) |
| 18772 | OJ000313_40.0419.C2.p1.gs | myb_dna-binding(HMM:0.0098) |
| 18773 | OJ000314_12.0418.C3.p3.gs | myb_dna-binding(HMM:2.4e-36) |
| 18774 | OJ000315_06.0413.C16.p2.gs | myb_dna-binding(HMM:2.4e-26) |
| 18775 | OJ000315_06.0420.C18.p2.gs | myb_dna-binding(HMM:2.4e-26) |
| 18776 | OJ000315_30.0419.C3.p4.gs | myb_dna-binding(HMM:4.3e-37) |
| 18777 | OJ000315_40.0420.C11.p6.gs | myb_dna-binding(HMM:7.4e-45) |
| 18778 | OJ000316_14.0419.C8.p1.gs | myb_dna-binding(HMM:0.059) |
| 18779 | OJ000316_33.0410.C24.p1.gs | myb_dna-binding(HMM:0.026) |
| 18780 | OJ000320_11.0419.C19.p1.gs | myb_dna-binding(HMM:5e-20) |
| 18781 | OJ000320_11.0419.C24.p1.gs | myb_dna-binding(HMM:1.7e-33) |

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| 18782 | OJ000320_14.0419.C18.p4.gs | myb_dna-binding(HMM:2.2e-39) |
| 18783 | OJ000320_22.0419.C12.p1.gs | myb_dna-binding(HMM:0.081) |
| 18784 | OJ000321_03.0417.C6.p3.gs | myb_dna-binding(HMM:1.1e-43) |
| 18785 | OJ000321_03.0426.C4.p4.gs | myb_dna-binding(HMM:1.1e-43) |
| 18786 | OJ000321_07.0419.C3.p1.gs | myb_dna-binding(HMM:2.4e-36) |
| 18787 | OJ000321_15.0419.C33.p1.gs | myb_dna-binding(HMM:0.05) |
| 18788 | OJ000321_23.0424.C32.p1.gs | myb_dna-binding(HMM:3.8e-19) |
| 18789 | OJ000321_37.0419.C14.p1.gs | myb_dna-binding(HMM:0.05) |
| 18790 | OJ000322_20.0419.C24.p1.gs | myb_dna-binding(HMM:8.3e-41) |
| 18791 | OJ000323_38.0418.C27.p1.gs | myb_dna-binding(HMM:3.6e-07) |
| 18792 | OJ000324_03.0419.C5.p1.gs | myb_dna-binding(HMM:0.0041) |
| 18793 | OJ000324_30.0413.C19.p1.gs | myb_dna-binding(HMM:1.1e-11) |
| 18794 | OJ000324_30.0420.C3.p1.gs | myb_dna-binding(HMM:1.1e-11) |
| 18795 | OJ000327_02.0418.C8.p2.gs | myb_dna-binding(HMM:1.5e-37) |
| 18796 | OJ000327_09.0424.C34.p1.gs | myb_dna-binding(HMM:1.1e-11) |
| 18797 | OJ000330_31.0424.C25.p1.gs | myb_dna-binding(HMM:1.1e-36) |
| 18798 | OJ000330_31.0424.C28.p1.gs | myb_dna-binding(HMM:3.3e-23) |
| 18799 | OJ000330_36.0424.C6.p2.gs | myb_dna-binding(HMM:7.6e-36) |
| 18800 | OJ000350_22.0419.C6.p2.gs | myb_dna-binding(HMM:2.5e-42) |
| 18801 | OJ000350_36.0314.C7.p7.gs | myb_dna-binding(HMM:8.3e-41) |
| 18802 | OJ000350_37.0314.C11.p1.gs | myb_dna-binding(HMM:0.033) |
| 18803 | OJ000403_04.0421.C14.p2.gs | myb_dna-binding(HMM:0.018) |
| 18804 | OJ000404_27.0421.C2.p1.gs | myb_dna-binding(HMM:3.7e-45) |
| 18805 | OJ990105_08.9819.C26.p1.gs | myb_dna-binding(HMM:0.0014) |
| 18806 | OJ990201_04.9819.C8.p1.gs | myb_dna-binding(HMM:1.4e-38) |
| 18807 | OJ990203_02.9819.C24.p2.gs | myb_dna-binding(HMM:0.18) |
| 18808 | OJ990203_06.9819.C1.p2.gs | myb_dna-binding(HMM:2.4e-44) |
| 18809 | OJ990203_06.9819.C42.p1.gs | myb_dna-binding(HMM:0.019) |
| 18810 | OJ990304_02.9B12.C1.p4.gs | myb_dna-binding(HMM:8.1e-15) |
| 18811 | OJ990308_03.9A05.C16.p2.gs | myb_dna-binding(HMM:0.00061) |
| 18812 | OJ990311_11.9819.C26.p1.gs | myb_dna-binding(HMM:0.034) |
| 18813 | OJ990312_09.9B12.C38.p1.gs | myb_dna-binding(HMM:7.6e-36) |
| 18814 | OJ990330_16.9923.C9.p1.gs | myb_dna-binding(HMM:5.9e-09) |
| 18815 | OJ990407_02.9923.C33.p2.gs | myb_dna-binding(HMM:0.024) |
| 18816 | OJ990407_02.9923.C4.p1.gs | myb_dna-binding(HMM:8.8e-14) |
| 18817 | OJ990407_03.0420.C71.p1.gs | myb_dna-binding(HMM:6.5e-08) |
| 18818 | OJ990407_03.0420.C8.p1.gs | myb_dna-binding(HMM:4.7e-43) |
| 18819 | OJ990407_03.9819.C5.p1.gs | myb_dna-binding(HMM:4.7e-43) |
| 18820 | OJ990415_02.0103.C3.p7.gs | myb_dna-binding(HMM:5.4e-18) |
| 18821 | OJ990419_11.9923.C10.p1.gs | myb_dna-binding(HMM:5.4e-05) |
| 18822 | OJ990423_05.9C10.C14.p3.gs | myb_dna-binding(HMM:2.8e-43) |
| 18823 | OJ990423_05.9C10.C38.p1.gs | myb_dna-binding(HMM:0.00057) |
| 18824 | OJ990426_20.9924.C6.p4.gs | myb_dna-binding(HMM:2.1e-19) |
| 18825 | OJ990430_26.9B12.C3.p4.gs | myb_dna-binding(HMM:0.018) |
| 18826 | OJ990501_23.9C03.C1.p5.gs | myb_dna-binding(HMM:1.6e-07) |
| 18827 | OJ990503_28.9924.C2.p2.gs | myb_dna-binding(HMM:0.0022) |
| 18828 | OJ990520_01.9B12.C27.p2.gs | myb_dna-binding(HMM:2.1e-11) |
| 18829 | OJ990520_12.9A19.C2.p2.gs | myb_dna-binding(HMM:1.5e-37) |
| 18830 | OJ990527_20.0419.C28.p1.gs | myb_dna-binding(HMM:5.7e-12) |
| 18831 | OJ990527_23.9C10.C1.p3.gs | myb_dna-binding(HMM:3.6e-35) |
| 18832 | OJ990527_23.9C10.C9.p2.gs | myb_dna-binding(HMM:0.0044) |
| 18833 | OJ990528_20.9B10.C7.p2.gs | myb_dna-binding(HMM:1e-27) |

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| 18834 | OJ990528_25.9B19.C8.p1.gs | myb_dna-binding(HMM:7.6e-12) |
| 18835 | OJ990602_02.0421.C21.p3.gs | myb_dna-binding(HMM:2.1e-41) |
| 18836 | OJ990602_02.9C20.C21.p3.gs | myb_dna-binding(HMM:2.1e-41) |
| 18837 | OJ990602_03.0107.C20.p1.gs | myb_dna-binding(HMM:0.0062) |
| 18838 | OJ990605_41.0225.C5.p11.gs | myb_dna-binding(HMM:0.0089) |
| 18839 | OJ990605_41.0225.C5.p2.gs | myb_dna-binding(HMM:2.5e-36) |
| 18840 | OJ990605_42.9C03.C4.p4.gs | myb_dna-binding(HMM:2.7e-10) |
| 18841 | OJ990612_34.9A01.C4.p1.gs | myb_dna-binding(HMM:6.1e-41) |
| 18842 | OJ990617_05.9924.C14.p1.gs | myb_dna-binding(HMM:5.9e-20) |
| 18843 | OJ990617_14.9B23.C10.p1.gs | myb_dna-binding(HMM:1.1) |
| 18844 | OJ990621_04.9C03.C20.p1.gs | myb_dna-binding(HMM:3.8e-20) |
| 18845 | OJ990703_46.9A03.C5.p2.gs | myb_dna-binding(HMM:4e-09) |
| 18846 | OJ990703_47.9C16.C3.p1.gs | myb_dna-binding(HMM:5.5e-12) |
| 18847 | OJ990708_12.9919.C4.p3.gs | myb_dna-binding(HMM:4.7e-37) |
| 18848 | OJ990713_04.9C17.C21.p1.gs | myb_dna-binding(HMM:2.1e-11) |
| 18849 | OJ990713_11.9B12.C13.p1.gs | myb_dna-binding(HMM:5.6e-06) |
| 18850 | OJ990730_08.9C10.C3.p10.gs | myb_dna-binding(HMM:2.1e-11) |
| 18851 | OJ990730_14.0419.C28.p1.gs | myb_dna-binding(HMM:0.092) |
| 18852 | OJ990802_13.9920.C1.p16.gs | myb_dna-binding(HMM:0.05) |
| 18853 | OJ990808_36.9C20.C8.p5.gs | myb_dna-binding(HMM:1.2e-36) |
| 18854 | OJ990808_57.0118.C7.p1.gs | myb_dna-binding(HMM:3.8e-20) |
| 18855 | OJ990817_02.9A01.C10.p2.gs | myb_dna-binding(HMM:8.3e-41) |
| 18856 | OJ990817_11.9C09.C5.p4.gs | myb_dna-binding(HMM:0.0098) |
| 18857 | OJ990821_49.0128.C15.p2.gs | myb_dna-binding(HMM:0.0053) |
| 18858 | OJ990822_47.0103.C2.p1.gs | myb_dna-binding(HMM:5.9e-43) |
| 18859 | OJ990826_04.9B03.C24.p2.gs | myb_dna-binding(HMM:5.4e-05) |
| 18860 | OJ990827_09.0103.C7.p2.gs | myb_dna-binding(HMM:1.5e-37) |
| 18861 | OJ990830_12.9C03.C13.p1.gs | myb_dna-binding(HMM:9.2e-41) |
| 18862 | OJ990901_05.9B10.C14.p2.gs | myb_dna-binding(HMM:4e-09) |
| 18863 | OJ990903_09.9B04.C8.p1.gs | myb_dna-binding(HMM:1.2e-40) |
| 18864 | OJ990903_11.9C01.C17.p11.gs | myb_dna-binding(HMM:1.9e-24) |
| 18865 | OJ990907_09.9B19.C14.p1.gs | myb_dna-binding(HMM:2.3e-37) |
| 18866 | OJ990907_11.0103.C13.p4.gs | myb_dna-binding(HMM:0.025) |
| 18867 | OJ990914_18.9B24.C2.p1.gs | myb_dna-binding(HMM:5.6e-06) |
| 18868 | OJ990915_02.9A18.C18.p1.gs | myb_dna-binding(HMM:0.00023) |
| 18869 | OJ990917_16.9B08.C15.p2.gs | myb_dna-binding(HMM:0.0065) |
| 18870 | OJ990920_18.9C06.C35.p1.gs | myb_dna-binding(HMM:5.6e-06) |
| 18871 | OJ990920_19.9B02.C24.p3.gs | myb_dna-binding(HMM:8.3e-41) |
| 18872 | OJ990923_12.9C01.C6.p4.gs | myb_dna-binding(HMM:4.2e-19) |
| 18873 | OJ990929_01.9C17.C26.p2.gs | myb_dna-binding(HMM:1.1e-24) |
| 18874 | OJ990929_01.9C17.C40.p1.gs | myb_dna-binding(HMM:2.2e-13) |
| 18875 | OJ990930_19.9B12.C17.p1.gs | myb_dna-binding(HMM:3.5e-32) |
| 18876 | OJ991008_03.0207.C32.p2.gs | myb_dna-binding(HMM:3.7e-45) |
| 18877 | OJ991008_04.0121.C44.p1.gs | myb_dna-binding(HMM:8.5e-22) |
| 18878 | OJ991012_10.0127.C2.p1.gs | myb_dna-binding(HMM:1.1e-11) |
| 18879 | OJ991019_16.0118.C16.p1.gs | myb_dna-binding(HMM:5.9e-09) |
| 18880 | OJ991019_19.0306.C17.p1.gs | myb_dna-binding(HMM:5.9e-09) |
| 18881 | OJ991019_20.0419.C29.p2.gs | myb_dna-binding(HMM:9.7e-38) |
| 18882 | OJ991020_16.0218.C10.p1.gs | myb_dna-binding(HMM:3e-06) |
| 18883 | OJ991022_02.0211.C16.p1.gs | myb_dna-binding(HMM:4.7e-43) |
| 18884 | OJ991026_16.0118.C6.p3.gs | myb_dna-binding(HMM:1e-42) |
| 18885 | OJ991027_14.0308.C39.p1.gs | myb_dna-binding(HMM:8.2e-06) |
| 18886 | OJ991028_05.0211.C8.p1.gs | myb_dna-binding(HMM:0.0065) |

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| OJ000223_03.0330.C22.p3.gs | nam(HMM:3.1e-41) |
| OJ000228_07.0410.C6.p2.gs | nam(HMM:2.8e-58) |
| OJ000229_02.0323.C6.p1.gs | nam(HMM:1e-71) |
| OJ000229_24.0419.C20.p1.gs | nam(HMM:1.1e-83) |
| OJ000229_24.0419.C3.p1.gs | nam(HMM:2.4e-86) |
| OJ000250_39.0223.C10.p4.gs | nam(HMM:1.8e-64) |
| OJ000250_49.0214.C7.p2.gs | nam(HMM:3.6e-61) |
| OJ000250_61.0419.C22.p2.gs | nam(HMM:2.3e-87) |
| OJ000250_73.0214.C5.p7.gs | nam(HMM:8.4e-65) |
| OJ000251_06.0419.C162.p2.gs | nam(HMM:1.3e-83) |
| OJ000251_18.0419.C10.p2.gs | nam(HMM:7.5e-05) |
| OJ000251_18.0419.C11.p1.gs | nam(HMM:0.005) |
| OJ000302_09.0414.C4.p4.gs | nam(HMM:5.1e-58) |
| OJ000303_22.0419.C12.p1.gs | nam(HMM:9.5e-76) |
| OJ000303_22.0419.C14.p1.gs | nam(HMM:9.5e-88) |
| OJ000303_28.0419.C18.p2.gs | nam(HMM:3.6e-61) |
| OJ000307_28.0417.C3.p3.gs | nam(HMM:1.7e-05) |
| OJ000308_22.0419.C15.p4.gs | nam(HMM:1.8e-64) |
| OJ000310_04.0419.C8.p1.gs | nam(HMM:1.1e-16) |
| OJ000310_04.0419.C9.p1.gs | nam(HMM:0.0081) |
| OJ000313_08.0417.C6.p7.gs | nam(HMM:6.2e-06) |
| OJ000313_19.0419.C59.p1.gs | nam(HMM:3.2e-47) |
| OJ000314_10.0411.C6.p1.gs | nam(HMM:3.7e-08) |
| OJ000314_10.0420.C3.p1.gs | nam(HMM:3.7e-08) |
| OJ000314_15.0419.C32.p1.gs | nam(HMM:9.5e-06) |
| OJ000314_15.0419.C32.p2.gs | nam(HMM:3.9e-06) |
| OJ000314_27.0419.C11.p3.gs | nam(HMM:6.3e-44) |
| OJ000314_37.0412.C5.p2.gs | nam(HMM:4.4e-10) |
| OJ000314_37.0412.C9.p3.gs | nam(HMM:2.2e-10) |
| OJ000314_37.0412.C9.p6.gs | nam(HMM:2.2e-10) |
| OJ000314_37.0420.C5.p2.gs | nam(HMM:4.4e-10) |
| OJ000314_37.0420.C9.p3.gs | nam(HMM:2.2e-10) |
| OJ000314_37.0420.C9.p6.gs | nam(HMM:2.2e-10) |
| OJ000315_11.0419.C14.p2.gs | nam(HMM:4.9e-71) |
| OJ000315_34.0407.C13.p5.gs | nam(HMM:2.8e-45) |
| OJ000315_34.0420.C7.p5.gs | nam(HMM:2.8e-45) |
| OJ000316_07.0419.C11.p1.gs | nam(HMM:8e-58) |
| OJ000321_03.0417.C3.p2.gs | nam(HMM:3.6e-20) |
| OJ000321_03.0426.C3.p2.gs | nam(HMM:3.6e-20) |
| OJ000322_18.0419.C24.p2.gs | nam(HMM:2.2e-10) |
| OJ000322_18.0419.C4.p2.gs | nam(HMM:4.4e-10) |
| OJ000327_10.0424.C2.p1.gs | nam(HMM:5.4e-07) |
| OJ000327_18.0420.C19.p1.gs | nam(HMM:4e-94) |
| OJ000330_01.0424.C29.p2.gs | nam(HMM:0.0081) |
| OJ000330_01.0424.C30.p1.gs | nam(HMM:1.3e-10) |
| OJ000330_14.0419.C34.p1.gs | nam(HMM:1.5e-09) |
| OJ000330_30.0421.C28.p1.gs | nam(HMM:1.2e-06) |
| OJ000330_30.0421.C30.p1.gs | nam(HMM:0.032) |
| OJ000331_24.0424.C16.p1.gs | nam(HMM:3.1e-41) |
| OJ000350_42.0309.C8.p2.gs | nam(HMM:1.6e-09) |
| OJ000350_49.0314.C12.p2.gs | nam(HMM:1.8e-05) |
| OJ000350_49.0414.C12.p5.gs | nam(HMM:1.8e-05) |
| OJ000350_60.0419.C17.p1.gs | nam(HMM:8.3e-82) |
| OJ000404_14.0424.C40.p1.gs | nam(HMM:0.00019) |

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| 18993 | OJ000404_39.0424.C24.p1.gs | nam(HMM:0.0003) |
| 18994 | OJ000405_19.0424.C38.p1.gs | nam(HMM:3.7e-88) |
| 18995 | OJ000450_12.0410.C1.p8.gs | nam(HMM:3.2e-81) |
| 18996 | OJ990203_05.9819.C19.p2.gs | nam(HMM:4.4e-55) |
| 18997 | OJ990205_04.9819.C77.p1.gs | nam(HMM:6.6e-36) |
| 18998 | OJ990310_08.9819.C21.p2.gs | nam(HMM:2.4e-11) |
| 18999 | OJ990310_08.9819.C21.p6.gs | nam(HMM:9.4e-11) |
| 19000 | OJ990310_12.9819.C137.p1.gs | nam(HMM:9.5e-05) |
| 19001 | OJ990318_16.9819.C4.p6.gs | nam(HMM:1.1e-39) |
| 19002 | OJ990319_04.9819.C24.p2.gs | nam(HMM:4.2e-87) |
| 19003 | OJ990319_05.9819.C16.p4.gs | nam(HMM:9.6e-87) |
| 19004 | OJ990319_06.9C10.C47.p1.gs | nam(HMM:4.2e-87) |
| 19005 | OJ990323_14.9A18.C9.p5.gs | nam(HMM:8.8e-41) |
| 19006 | OJ990330_15.9923.C11.p1.gs | nam(HMM:1.9e-10) |
| 19007 | OJ990402_22.9819.C15.p1.gs | nam(HMM:4.7e-45) |
| 19008 | OJ990412_12.9A01.C33.p1.gs | nam(HMM:5.1e-08) |
| 19009 | OJ990421_32.9919.C3.p2.gs | nam(HMM:0.022) |
| 19010 | OJ990427_01.9A14.C21.p1.gs | nam(HMM:8.3e-09) |
| 19011 | OJ990427_01.9A14.C26.p2.gs | nam(HMM:2.2e-06) |
| 19012 | OJ990427_24.9922.C2.p3.gs | nam(HMM:3.1e-39) |
| 19013 | OJ990429_05.9924.C10.p3.gs | nam(HMM:1e-71) |
| 19014 | OJ990501_25.9604.C41.p2.gs | nam(HMM:9.7e-10) |
| 19015 | OJ990517_04.9A01.C74.p1.gs | nam(HMM:5.4e-07) |
| 19016 | OJ990518_06.9B05.C41.p2.gs | nam(HMM:8.4e-46) |
| 19017 | OJ990518_06.9B05.C41.p4.gs | nam(HMM:1e-09) |
| 19018 | OJ990518_06.9B05.C41.p7.gs | nam(HMM:2.5e-23) |
| 19019 | OJ990518_06.9B05.C44.p1.gs | nam(HMM:9.3e-06) |
| 19020 | OJ990520_03.9C23.C51.p2.gs | nam(HMM:6.8e-34) |
| 19021 | OJ990524_01.0421.C7.p1.gs | nam(HMM:1.7e-25) |
| 19022 | OJ990525_06.0421.C34.p2.gs | nam(HMM:6.4e-08) |
| 19023 | OJ990525_06.9C20.C40.p3.gs | nam(HMM:6.4e-08) |
| 19024 | OJ990527_22.9B17.C5.p9.gs | nam(HMM:6.2e-06) |
| 19025 | OJ990527_26.9C10.C2.p1.gs | nam(HMM:2.9e-85) |
| 19026 | OJ990527_26.9C10.C2.p8.gs | nam(HMM:1.6e-81) |
| 19027 | OJ990531_31.0419.C102.p3.gs | nam(HMM:1.3e-88) |
| 19028 | OJ990531_40.9C03.C1.p7.gs | nam(HMM:6.2e-81) |
| 19029 | OJ990601_08.9A22.C43.p2.gs | nam(HMM:2.2e-09) |
| 19030 | OJ990605_42.9C03.C3.p10.gs | nam(HMM:3.9e-08) |
| 19031 | OJ990608_02.0103.C36.p1.gs | nam(HMM:6.3e-08) |
| 19032 | OJ990612_36.9A05.C10.p4.gs | nam(HMM:4e-94) |
| 19033 | OJ990617_04.9A01.C3.p1.gs | nam(HMM:6.5e-64) |
| 19034 | OJ990617_04.9A01.C5.p1.gs | nam(HMM:9.5e-88) |
| 19035 | OJ990630_14.9C03.C3.p3.gs | nam(HMM:8.4e-65) |
| 19036 | OJ990704_50.9C17.C6.p1.gs | nam(HMM:4.6) |
| 19037 | OJ990705_39.9919.C11.p2.gs | nam(HMM:8.3e-09) |
| 19038 | OJ990705_39.9919.C3.p3.gs | nam(HMM:3.3e-06) |
| 19039 | OJ990716_10.9922.C5.p2.gs | nam(HMM:6.5e-06) |
| 19040 | OJ990723_09.9A14.C9.p3.gs | nam(HMM:1e-71) |
| 19041 | OJ990729_01.0114.C4.p2.gs | nam(HMM:9.4e-11) |
| 19042 | OJ990729_01.0114.C5.p4.gs | nam(HMM:2.4e-11) |
| 19043 | OJ990730_05.9C17.C9.p1.gs | nam(HMM:3.1e-41) |
| 19044 | OJ990805_01.9B19.C11.p3.gs | nam(HMM:3.1e-41) |
| 19045 | OJ990808_55.0309.C2.p5.gs | nam(HMM:1.6e-09) |
| 19046 | OJ990818_12.9924.C8.p1.gs | nam(HMM:2.8e-27) |

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| 19047 | OJ990821_50.9C21.C4.p5.gs | nam(HMM:1.6e-09) |
| 19048 | OJ990822_44.0105.C13.p1.gs | nam(HMM:0.0008) |
| 19049 | OJ990826_13.0229.C12.p2.gs | nam(HMM:1.6e-09) |
| 19050 | OJ990826_13.0323.C11.p2.gs | nam(HMM:1.6e-09) |
| 19051 | OJ990827_07.9C08.C12.p3.gs | nam(HMM:0.0006) |
| 19052 | OJ990903_07.9B08.C10.p1.gs | nam(HMM:2.5e-23) |
| 19053 | OJ990903_07.9B08.C10.p6.gs | nam(HMM:8.4e-46) |
| 19054 | OJ990903_07.9B08.C21.p1.gs | nam(HMM:0.0085) |
| 19055 | OJ990903_07.9B08.C23.p1.gs | nam(HMM:1.2e-05) |
| 19056 | OJ990909_08.0222.C18.p2.gs | nam(HMM:1.2e-44) |
| 19057 | OJ990909_10.0114.C22.p1.gs | nam(HMM:2.8e-85) |
| 19058 | OJ990910_18.9C14.C5.p2.gs | nam(HMM:8.4e-65) |
| 19059 | OJ990917_17.9C10.C21.p4.gs | nam(HMM:1.3e-83) |
| 19060 | OJ990920_11.0131.C10.p7.gs | nam(HMM:7.2e-10) |
| 19061 | OJ990920_11.0131.C10.p9.gs | nam(HMM:7.6e-10) |
| 19062 | OJ991007_13.0106.C7.p2.gs | nam(HMM:2.9e-85) |
| 19063 | OJ991007_18.0120.C4.p8.gs | nam(HMM:4e-62) |
| 19064 | OJ991014_01.0111.C7.p3.gs | nam(HMM:5e-37) |
| 19065 | OJ991019_16.0118.C21.p4.gs | nam(HMM:1.6e-07) |
| 19066 | OJ991019_19.0306.C2.p6.gs | nam(HMM:1.6e-07) |
| 19067 | OJ991029_03.0127.C3.p4.gs | nam(HMM:1.3e-09) |
| 19068 | OJ991106_32.9C07.C2.p2.gs | nam(HMM:3.7e-14) |
| 19069 | OJ991106_32.9C07.C2.p4.gs | nam(HMM:4.7e-07) |
| 19070 | OJ991106_46.9C17.C3.p3.gs | nam(HMM:8.8e-77) |
| 19071 | OJ991107_45.0203.C15.p1.gs | nam(HMM:6.2e-81) |
| 19072 | OJ991108_12.0404.C9.p3.gs | nam(HMM:1.2e-78) |
| 19073 | OJ991111_05.0125.C7.p1.gs | nam(HMM:6.8e-34) |
| 19074 | OJ991114_36.0128.C4.p3.gs | nam(HMM:2.8e-58) |
| 19075 | OJ991118_17.0421.C4.p3.gs | nam(HMM:0.09) |
| 19076 | OJ991118_17.9C22.C4.p3.gs | nam(HMM:0.09) |
| 19077 | OJ991201_14.0118.C3.p3.gs | nam(HMM:2e-74) |
| 19078 | OJ991206_18.0131.C4.p7.gs | nam(HMM:1e-40) |
| 19079 | OJ991208_15.0103.C9.p1.gs | nam(HMM:4.6e-38) |
| 19080 | OJ991210_06.0110.C33.p2.gs | nam(HMM:8.4e-65) |
| 19081 | OJ991211_65.0317.C9.p1.gs | nam(HMM:4.4e-83) |
| 19082 | OJ991217_05.0131.C13.p1.gs | nam(HMM:1.2e-06) |
| 19083 | OJ991217_05.0131.C13.p4.gs | nam(HMM:4.8e-11) |
| 19084 | OJ000150_24.0124.C2.p17.gs | nap_family(HMM:7.4e-29) |
| 19085 | OJ000251_15.0321.C7.p4.gs | nap_family(HMM:3.3e-13) |
| 19086 | OJ000315_35.0410.C15.p1.gs | nap_family(HMM:2.3e-76) |
| 19087 | OJ000315_35.0420.C18.p2.gs | nap_family(HMM:2.3e-76) |
| 19088 | OJ000320_40.0413.C13.p11.gs | nap_family(HMM:4.4e-58) |
| 19089 | OJ990416_07.9B12.C39.p2.gs | nap_family(HMM:7.4e-29) |
| 19090 | Contig1.p1.gs | phd(HMM:0.17) |
| 19091 | OJ000102_74.0317.C17.p1.gs | phd(HMM:0.0043) |
| 19092 | OJ000102_74.0426.C17.p1.gs | phd(HMM:0.0043) |
| 19093 | OJ000112_09.0209.C6.p1.gs | phd(HMM:0.013) |
| 19094 | OJ000112_09.0303.C4.p2.gs | phd(HMM:0.013) |
| 19095 | OJ000112_09.0426.C4.p2.gs | phd(HMM:0.013) |
| 19096 | OJ000114_12.0208.C8.p2.gs | phd(HMM:1.1e-13) |
| 19097 | OJ000207_16.0301.C3.p3.gs | phd(HMM:1.4e-05) |
| 19098 | OJ000207_17.0306.C15.p1.gs | phd(HMM:1.1e-14) |
| 19099 | OJ000207_17.0323.C13.p1.gs | phd(HMM:1.1e-14) |
| 19100 | OJ000209_26.0229.C18.p1.gs | phd(HMM:1.9e-14) |

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| 19101 | OJ000209_26.0229.C9.p2.gs | phd(HMM:6.5e-05) |
| 19102 | OJ000210_16.0330.C7.p1.gs | phd(HMM:5.1e-05) |
| 19103 | OJ000250_21.0225.C1.p1.gs | phd(HMM:0.17) |
| 19104 | OJ000250_39.0223.C9.p1.gs | phd(HMM:8e-13) |
| 19105 | OJ000301_02.0404.C7.p1.gs | phd(HMM:0.21) |
| 19106 | OJ000303_03.0419.C2.p3.gs | phd(HMM:6.3e-07) |
| 19107 | OJ000303_07.0419.C23.p1.gs | phd(HMM:6.5) |
| 19108 | OJ000307_12.0403.C23.p3.gs | phd(HMM:1.4e-05) |
| 19109 | OJ000313_17.0419.C14.p1.gs | phd(HMM:6.3e-07) |
| 19110 | OJ000314_14.0419.C3.p1.gs | phd(HMM:4.8e-12) |
| 19111 | OJ000316_06.0418.C41.p1.gs | phd(HMM:0.0011) |
| 19112 | OJ000321_06.0419.C38.p1.gs | phd(HMM:1.6e-11) |
| 19113 | OJ000321_20.0425.C17.p3.gs | phd(HMM:0.048) |
| 19114 | OJ000323_04.0424.C11.p3.gs | phd(HMM:0.098) |
| 19115 | OJ000327_33.0419.C43.p1.gs | phd(HMM:1.5e-10) |
| 19116 | OJ000350_00.0328.C17.p5.gs | phd(HMM:0.034) |
| 19117 | OJ000404_03.0424.C22.p1.gs | phd(HMM:5.1e-05) |
| 19118 | OJ000450_15.0411.C1.p3.gs | phd(HMM:1.4e-05) |
| 19119 | OJ990303_10.0420.C5.p1.gs | phd(HMM:1.8e-12) |
| 19120 | OJ990303_10.9819.C5.p1.gs | phd(HMM:1.8e-12) |
| 19121 | OJ990323_20.9A03.C10.p7.gs | phd(HMM:1.6e-11) |
| 19122 | OJ990330_17.9819.C15.p1.gs | phd(HMM:1.1e-13) |
| 19123 | OJ990331_10.9A01.C5.p11.gs | phd(HMM:0.014) |
| 19124 | OJ990409_04.9922.C19.p1.gs | phd(HMM:0.0043) |
| 19125 | OJ990428_05.9819.C55.p1.gs | phd(HMM:1.8e-14) |
| 19126 | OJ990429_03.9B02.C4.p7.gs | phd(HMM:0.0059) |
| 19127 | OJ990429_08.9C23.C14.p1.gs | phd(HMM:0.0059) |
| 19128 | OJ990502_21.9919.C5.p3.gs | phd(HMM:6.6) |
| 19129 | OJ990524_05.0103.C37.p1.gs | phd(HMM:0.038) |
| 19130 | OJ990617_06.9A27.C11.p1.gs | phd(HMM:0.024) |
| 19131 | OJ990620_39.9919.C20.p3.gs | phd(HMM:1.2e-06) |
| 19132 | OJ990709_11.9922.C1.p9.gs | phd(HMM:1.6e-11) |
| 19133 | OJ990727_08.9B05.C5.p3.gs | phd(HMM:3.5e-15) |
| 19134 | OJ990727_08.9B05.C9.p1.gs | phd(HMM:1.5e-10) |
| 19135 | OJ990802_16.9C17.C2.p1.gs | phd(HMM:0.027) |
| 19136 | OJ990808_43.0110.C2.p3.gs | phd(HMM:4.2e-14) |
| 19137 | OJ990821_61.9C20.C9.p1.gs | phd(HMM:1.2) |
| 19138 | OJ990822_41.0128.C4.p2.gs | phd(HMM:0.098) |
| 19139 | OJ990826_07.0103.C1.p1.gs | phd(HMM:0.00048) |
| 19140 | OJ990907_08.9B19.C6.p1.gs | phd(HMM:0.00074) |
| 19141 | OJ991008_20.0419.C29.p1.gs | phd(HMM:0.011) |
| 19142 | OJ991026_06.0218.C9.p6.gs | phd(HMM:0.014) |
| 19143 | OJ991107_47.0118.C17.p1.gs | phd(HMM:0.054) |
| 19144 | OJ991109_05.0121.C12.p1.gs | phd(HMM:1.5e-10) |
| 19145 | OJ991109_20.9C22.C25.p1.gs | phd(HMM:0.048) |
| 19146 | OJ991110_07.0225.C7.p6.gs | phd(HMM:1.6e-06) |
| 19147 | OJ991112_01.0403.C17.p3.gs | phd(HMM:4.9e-12) |
| 19148 | OJ000301_23.0419.C12.p1.gs | phd(HMM:0.001),set(HMM:8.3e-30) |
| 19149 | OJ990430_01.9C03.C46.p1.gs | phd(HMM:6.5),set(HMM:1.4e-32) |
| 19150 | OJ000119_08.0302.C10.p4.gs | phd(HMM:0.025),snf2_n(HMM:1.7e-35),zf-c3hc4(HMM:0.0027) |
| 19151 | OJ991214_03.0114.C4.p7.gs | phd(HMM:0.025),snf2_n(HMM: |

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| 19152 | OJ000105_15.0207.C5.p12.gs | 1.7e-35),zf-c3hc4(HMM:0.0027) phd(HMM:0.06),zf- c3hc4(HMM:1.4e-06) |
| 19153 | OJ000105_15.0426.C5.p12.gs | phd(HMM:0.06),zf- c3hc4(HMM:1.4e-06) |
| 19154 | OJ000250_27.0208.C18.p1.gs | phd(HMM:0.06),zf- c3hc4(HMM:1.4e-06) |
| 19155 | OJ000250_27.0303.C9.p7.gs | phd(HMM:0.06),zf- c3hc4(HMM:1.4e-06) |
| 19156 | OJ990807_32.0211.C15.p6.gs | phd(HMM:0.011),zf- c3hc4(HMM:8.2e-18) |
| 19157 | OJ990915_02.9A18.C14.p1.gs | phd(HMM:0.06),zf- c3hc4(HMM:1.4e-06) |
| 19158 | OJ991020_07.0202.C12.p4.gs | phd(HMM:0.31),zf- c3hc4(HMM:1.2e-11) |
| 19159 | OJ991210_01.0110.C1.p2.gs | phd(HMM:0.011),zf- c3hc4(HMM:3.3e-08) |
| 19160 | OJ000107_08.0330.C23.p3.gs | response_reg(HMM:9.4e-10) |
| 19161 | OJ000107_08.0426.C23.p3.gs | response_reg(HMM:9.4e-10) |
| 19162 | OJ000150_17.0124.C41.p1.gs | response_reg(HMM:5.7e-07) |
| 19163 | OJ000203_01.0222.C31.p4.gs | response_reg(HMM:1.6e-29) |
| 19164 | OJ000208_03.0310.C3.p1.gs | response_reg(HMM:2.2e-32) |
| 19165 | OJ000208_25.0419.C37.p1.gs | response_reg(HMM:7.4e-05) |
| 19166 | OJ000214_01.0308.C34.p3.gs | response_reg(HMM:5.7e-22) |
| 19167 | OJ000217_01.0308.C2.p1.gs | response_reg(HMM:1.6e-06) |
| 19168 | OJ000221_23.0317.C14.p2.gs | response_reg(HMM:2.2e-32) |
| 19169 | OJ000229_02.0323.C6.p6.gs | response_reg(HMM:5.7e-07) |
| 19170 | OJ000250_68.0211.C10.p2.gs | response_reg(HMM:6.4e-19) |
| 19171 | OJ000251_23.0216.C33.p1.gs | response_reg(HMM:9.4e-10) |
| 19172 | OJ000321_13.0424.C17.p1.gs | response_reg(HMM:5.7e-33) |
| 19173 | OJ000324_02.0417.C11.p1.gs | response_reg(HMM:8.1) |
| 19174 | OJ000327_05.0419.C4.p2.gs | response_reg(HMM:0.0023) |
| 19175 | OJ990203_01.9922.C19.p1.gs | response_reg(HMM:5.8e-16) |
| 19176 | OJ990416_04.9819.C5.p2.gs | response_reg(HMM:1.6e-29) |
| 19177 | OJ990426_02.0419.C175.p1.gs | response_reg(HMM:3.6e-32) |
| 19178 | OJ990426_02.9608.C56.p1.gs | response_reg(HMM:3.6e-32) |
| 19179 | OJ990426_31.0419.C35.p1.gs | response_reg(HMM:1.5e-25) |
| 19180 | OJ990427_23.9C03.C6.p2.gs | response_reg(HMM:3.6e-32) |
| 19181 | OJ990430_11.9A14.C52.p1.gs | response_reg(HMM:0.0055) |
| 19182 | OJ990517_09.9C23.C59.p1.gs | response_reg(HMM:3.4e-07) |
| 19183 | OJ990527_04.9C17.C30.p1.gs | response_reg(HMM:1.7e-17) |
| 19184 | OJ990527_06.0421.C15.p1.gs | response_reg(HMM:1.6e-10) |
| 19185 | OJ990723_09.9A14.C5.p1.gs | response_reg(HMM:5.7e-07) |
| 19186 | OJ990730_11.9B08.C7.p1.gs | response_reg(HMM:2.2e-29) |
| 19187 | OJ990820_06.0215.C12.p1.gs | response_reg(HMM:2.5e-09) |
| 19188 | OJ990915_02.9A18.C19.p1.gs | response_reg(HMM:5.7e-07) |
| 19189 | OJ991114_35.0419.C16.p2.gs | response_reg(HMM:1.9e-32) |
| 19190 | OJ991203_01.0128.C5.p2.gs | response_reg(HMM:1.9e-32) |
| 19191 | OJ000103_07.0224.C10.p1.gs | sbpb(HMM:2.8e-10) |
| 19192 | OJ000103_07.0426.C10.p1.gs | sbpb(HMM:2.8e-10) |
| 19193 | OJ000110_13.0222.C2.p1.gs | sbpb(HMM:1.8e-11) |
| 19194 | OJ000110_13.0426.C2.p1.gs | sbpb(HMM:1.8e-11) |
| 19195 | OJ000111_20.0215.C12.p2.gs | sbpb(HMM:7.1e-44) |
| 19196 | OJ000111_20.0426.C12.p2.gs | sbpb(HMM:7.1e-44) |

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| 19197 | OJ000223_16.0320.C11.p2.gs | sbpb(HMM:7.1e-44) |
| 19198 | OJ000251_51.0217.C10.p2.gs | sbpb(HMM:7e-42) |
| 19199 | OJ000302_08.0410.C5.p3.gs | sbpb(HMM:1.1e-07) |
| 19200 | OJ000302_21.0419.C16.p2.gs | sbpb(HMM:0.088) |
| 19201 | OJ000320_29.0419.C12.p2.gs | sbpb(HMM:3.8e-42) |
| 19202 | OJ000324_21.0420.C5.p1.gs | sbpb(HMM:6.3e-38) |
| 19203 | OJ990331_10.9A01.C5.p10.gs | sbpb(HMM:7e-42) |
| 19204 | OJ990503_26.9B02.C8.p1.gs | sbpb(HMM:0.088) |
| 19205 | OJ990515_20.9924.C4.p4.gs | sbpb(HMM:1.7e-40) |
| 19206 | OJ990726_09.9B05.C2.p1.gs | sbpb(HMM:8.9e-33) |
| 19207 | OJ990822_51.9C23.C2.p1.gs | sbpb(HMM:1.1e-41) |
| 19208 | OJ990907_11.0103.C10.p2.gs | sbpb(HMM:7.5e-20) |
| 19209 | OJ990915_04.9B04.C7.p2.gs | sbpb(HMM:1.3e-23) |
| 19210 | OJ991026_06.0218.C10.p2.gs | sbpb(HMM:7e-42) |
| 19211 | OJ991116_12.0107.C7.p4.gs | sbpb(HMM:7.5e-20) |
| 19212 | OJ991206_04.0421.C6.p1.gs | sbpb(HMM:9.3e-45) |
| 19213 | OJ991206_04.9C30.C16.p1.gs | sbpb(HMM:9.3e-45) |
| 19214 | OJ991206_14.0215.C53.p12.gs | sbpb(HMM:9.3e-45) |
| 19215 | OJ991206_18.0131.C16.p1.gs | sbpb(HMM:1.7e-40) |
| 19216 | OJ000107_03.0207.C12.p1.gs | scr(HMM:5.7e-11) |
| 19217 | OJ000107_03.0207.C2.p1.gs | scr(HMM:1.3e-143) |
| 19218 | OJ000107_03.0207.C3.p3.gs | scr(HMM:1.7e-103) |
| 19219 | OJ000107_03.0207.C5.p1.gs | scr(HMM:2.2e-140) |
| 19220 | OJ000107_03.0207.C5.p2.gs | scr(HMM:1.3e-100) |
| 19221 | OJ000107_03.0207.C6.p1.gs | scr(HMM:4.1e-104) |
| 19222 | OJ000107_03.0310.C5.p1.gs | scr(HMM:1.3e-143) |
| 19223 | OJ000107_03.0310.C6.p3.gs | scr(HMM:7.1e-111) |
| 19224 | OJ000107_03.0310.C7.p2.gs | scr(HMM:2.2e-140) |
| 19225 | OJ000107_03.0310.C7.p3.gs | scr(HMM:1.3e-100) |
| 19226 | OJ000107_03.0310.C7.p4.gs | scr(HMM:1.9e-104) |
| 19227 | OJ000107_03.0426.C5.p1.gs | scr(HMM:1.3e-143) |
| 19228 | OJ000107_03.0426.C6.p3.gs | scr(HMM:7.1e-111) |
| 19229 | OJ000107_03.0426.C7.p2.gs | scr(HMM:2.2e-140) |
| 19230 | OJ000107_03.0426.C7.p3.gs | scr(HMM:1.3e-100) |
| 19231 | OJ000107_03.0426.C7.p4.gs | scr(HMM:1.9e-104) |
| 19232 | OJ000114_11.0217.C4.p1.gs | scr(HMM:6.2e-95) |
| 19233 | OJ000114_11.0217.C5.p1.gs | scr(HMM:0.0013) |
| 19234 | OJ000118_07.0215.C1.p4.gs | scr(HMM:1e-78) |
| 19235 | OJ000122_43.0303.C6.p3.gs | scr(HMM:2.2e-13) |
| 19236 | OJ000150_05.0124.C11.p1.gs | scr(HMM:2.6e-12) |
| 19237 | OJ000150_05.0124.C11.p3.gs | scr(HMM:2.1e-46) |
| 19238 | OJ000150_05.0421.C10.p1.gs | scr(HMM:2.6e-12) |
| 19239 | OJ000150_05.0421.C10.p3.gs | scr(HMM:2.1e-46) |
| 19240 | OJ000150_20.0124.C2.p1.gs | scr(HMM:1.4e-112) |
| 19241 | OJ000209_11.0307.C10.p1.gs | scr(HMM:1.7e-08) |
| 19242 | OJ000209_11.0307.C10.p4.gs | scr(HMM:2e-86) |
| 19243 | OJ000214_02.0321.C7.p1.gs | scr(HMM:3.2) |
| 19244 | OJ000214_28.0306.C14.p1.gs | scr(HMM:3.2e-07) |
| 19245 | OJ000216_07.0323.C1.p8.gs | scr(HMM:1.3e-103) |
| 19246 | OJ000221_20.0314.C9.p2.gs | scr(HMM:0.014) |
| 19247 | OJ000222_15.0406.C2.p2.gs | scr(HMM:2e-156) |
| 19248 | OJ000250_90.0214.C63.p1.gs | scr(HMM:2.2e-05) |
| 19249 | OJ000250_90.0214.C64.p2.gs | scr(HMM:7.6e-43) |
| 19250 | OJ000251_48.0228.C31.p9.gs | scr(HMM:6.8e-112) |

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| 19251 | OJ000303_22.0419.C20.p1.gs | scr(HMM:2.4e-25) |
| 19252 | OJ000303_22.0419.C20.p2.gs | scr(HMM:2.2e-12) |
| 19253 | OJ000303_26.0411.C7.p3.gs | scr(HMM:1.3e-114) |
| 19254 | OJ000307_18.0410.C8.p1.gs | scr(HMM:9.5e-36) |
| 19255 | OJ000307_18.0420.C8.p1.gs | scr(HMM:9.5e-36) |
| 19256 | OJ000310_37.0419.C17.p2.gs | scr(HMM:1.3e-49) |
| 19257 | OJ000315_06.0413.C10.p1.gs | scr(HMM:2.6e-149) |
| 19258 | OJ000315_06.0420.C13.p1.gs | scr(HMM:2.6e-149) |
| 19259 | OJ000316_29.0424.C43.p1.gs | scr(HMM:1.4e-20) |
| 19260 | OJ000322_13.0420.C43.p1.gs | scr(HMM:1.6e-10) |
| 19261 | OJ000322_17.0419.C15.p1.gs | scr(HMM:1.3e-75) |
| 19262 | OJ000322_17.0419.C16.p1.gs | scr(HMM:2.7e-07) |
| 19263 | OJ000322_17.0419.C18.p1.gs | scr(HMM:8.6e-41) |
| 19264 | OJ000322_17.0419.C27.p1.gs | scr(HMM:3.2e-56) |
| 19265 | OJ000322_17.0419.C36.p2.gs | scr(HMM:4e-141) |
| 19266 | OJ000324_20.0419.C19.p2.gs | scr(HMM:5.7e-07) |
| 19267 | OJ000324_37.0419.C14.p1.gs | scr(HMM:1.3e-114) |
| 19268 | OJ000327_15.0424.C21.p1.gs | scr(HMM:1.1e-12) |
| 19269 | OJ000327_16.0420.C29.p1.gs | scr(HMM:2.6e-155) |
| 19270 | OJ000327_36.0418.C2.p2.gs | scr(HMM:7.7e-80) |
| 19271 | OJ000329_02.0418.C15.p2.gs | scr(HMM:7.7e-80) |
| 19272 | OJ000331_10.0419.C11.p1.gs | scr(HMM:2e-156) |
| 19273 | OJ990204_02.9819.C33.p2.gs | scr(HMM:3.1) |
| 19274 | OJ990301_09.9819.C7.p1.gs | scr(HMM:2.5e-29) |
| 19275 | OJ990318_06.0228.C7.p1.gs | scr(HMM:5.2e-09) |
| 19276 | OJ990330_14.0103.C7.p5.gs | scr(HMM:5.1e-14) |
| 19277 | OJ990331_08.9922.C15.p1.gs | scr(HMM:6.8e-10) |
| 19278 | OJ990402_02.9B05.C13.p3.gs | scr(HMM:9.9e-09) |
| 19279 | OJ990405_10.9819.C11.p3.gs | scr(HMM:3.9e-144) |
| 19280 | OJ990405_12.9819.C11.p1.gs | scr(HMM:0.0018) |
| 19281 | OJ990406_07.9C10.C31.p3.gs | scr(HMM:0.00011) |
| 19282 | OJ990414_06.9C10.C4.p1.gs | scr(HMM:1.2e-68) |
| 19283 | OJ990414_10.9819.C9.p1.gs | scr(HMM:0.49) |
| 19284 | OJ990414_11.9819.C18.p1.gs | scr(HMM:6.7e-135) |
| 19285 | OJ990415_08.9922.C11.p8.gs | scr(HMM:1.4e-133) |
| 19286 | OJ990421_11.9923.C10.p1.gs | scr(HMM:4.1e-77) |
| 19287 | OJ990421_11.9923.C25.p2.gs | scr(HMM:0.00015) |
| 19288 | OJ990422_26.9924.C14.p1.gs | scr(HMM:2.6e-59) |
| 19289 | OJ990423_04.9919.C9.p3.gs | scr(HMM:1.1e-97) |
| 19290 | OJ990427_01.9A14.C22.p1.gs | scr(HMM:0.00013) |
| 19291 | OJ990428_02.9A29.C11.p5.gs | scr(HMM:2.6e-22) |
| 19292 | OJ990430_24.9924.C10.p2.gs | scr(HMM:3.2e-21) |
| 19293 | OJ990520_13.9922.C5.p3.gs | scr(HMM:1.7e-30) |
| 19294 | OJ990520_25.9C17.C3.p2.gs | scr(HMM:0.00013) |
| 19295 | OJ990528_06.9C03.C33.p3.gs | scr(HMM:7.5e-158) |
| 19296 | OJ990617_05.9924.C16.p3.gs | scr(HMM:2e-156) |
| 19297 | OJ990617_06.9A27.C50.p1.gs | scr(HMM:2.3e-19) |
| 19298 | OJ990627_38.9B19.C3.p5.gs | scr(HMM:2.1e-30) |
| 19299 | OJ990627_41.9919.C7.p1.gs | scr(HMM:2.2) |
| 19300 | OJ990705_39.9919.C11.p7.gs | scr(HMM:2.9e-98) |
| 19301 | OJ990715_06.9A01.C6.p2.gs | scr(HMM:2.6e-32) |
| 19302 | OJ990723_10.9C01.C11.p2.gs | scr(HMM:3.9e-144) |
| 19303 | OJ990816_08.0419.C14.p1.gs | scr(HMM:9.3e-60) |
| 19304 | OJ990816_09.9B19.C35.p1.gs | scr(HMM:2.6e-37) |

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| 19305 | OJ990818_05.9C01.C11.p4.gs | scr(HMM:3.2e-142) |
| 19306 | OJ990818_05.9C01.C11.p5.gs | scr(HMM:2e-118) |
| 19307 | OJ990818_09.9B08.C11.p1.gs | scr(HMM:1.1e-12) |
| 19308 | OJ990823_06.9B03.C17.p1.gs | scr(HMM:2.4e-11) |
| 19309 | OJ990826_01.9C28.C11.p1.gs | scr(HMM:7.7e-15) |
| 19310 | OJ990830_10.9C13.C6.p1.gs | scr(HMM:5.1e-56) |
| 19311 | OJ990907_10.0128.C10.p2.gs | scr(HMM:0.0034) |
| 19312 | OJ990907_16.9B23.C9.p4.gs | scr(HMM:0.0012) |
| 19313 | OJ991001_02.0202.C10.p1.gs | scr(HMM:6.6e-36) |
| 19314 | OJ991006_02.0113.C2.p5.gs | scr(HMM:1.7e-31) |
| 19315 | OJ991008_04.0121.C11.p2.gs | scr(HMM:1.8e-29) |
| 19316 | OJ991014_01.0111.C11.p5.gs | scr(HMM:6.6e-98) |
| 19317 | OJ991107_32.9C13.C2.p2.gs | scr(HMM:7.5e-158) |
| 19318 | OJ991112_08.0421.C1.p1.gs | scr(HMM:3.4e-31) |
| 19319 | OJ991112_08.9C22.C1.p1.gs | scr(HMM:1.9e-29) |
| 19320 | OJ991208_06.0107.C14.p1.gs | scr(HMM:0.0041) |
| 19321 | OJ991208_06.0107.C8.p4.gs | scr(HMM:0.0012) |
| 19322 | OJ991211_57.0228.C31.p1.gs | scr(HMM:2.1e-27) |
| 19323 | OJ991215_06.0118.C6.p18.gs | scr(HMM:2.6e-05) |
| 19324 | OJ000105_15.0207.C2.p2.gs | set(HMM:0.00081) |
| 19325 | OJ000105_15.0207.C3.p1.gs | set(HMM:5.3) |
| 19326 | OJ000105_15.0426.C2.p2.gs | set(HMM:0.00081) |
| 19327 | OJ000105_15.0426.C3.p1.gs | set(HMM:5.3) |
| 19328 | OJ000106_11.0413.C14.p3.gs | set(HMM:0.0023) |
| 19329 | OJ000106_11.0426.C14.p3.gs | set(HMM:0.0023) |
| 19330 | OJ000107_15.0222.C15.p2.gs | set(HMM:2.4e-36) |
| 19331 | OJ000107_15.0426.C15.p2.gs | set(HMM:2.4e-36) |
| 19332 | OJ000150_28.0124.C55.p3.gs | set(HMM:0.0023) |
| 19333 | OJ000150_28.0323.C55.p3.gs | set(HMM:0.0023) |
| 19334 | OJ000250_27.0208.C10.p2.gs | set(HMM:2.5e-12) |
| 19335 | OJ000250_27.0303.C6.p2.gs | set(HMM:2.5e-12) |
| 19336 | OJ000250_59.0214.C32.p3.gs | set(HMM:1.9e-30) |
| 19337 | OJ000250_85.0214.C14.p3.gs | set(HMM:0.0023) |
| 19338 | OJ000251_08.0218.C39.p1.gs | set(HMM:1.5e-16) |
| 19339 | OJ000302_02.0419.C20.p3.gs | set(HMM:5.6e-55) |
| 19340 | OJ000303_07.0419.C22.p3.gs | set(HMM:1.4e-32) |
| 19341 | OJ000306_05.0419.C14.p1.gs | set(HMM:1.4e-32) |
| 19342 | OJ000306_06.0403.C2.p1.gs | set(HMM:1.4e-32) |
| 19343 | OJ000310_06.0417.C11.p1.gs | set(HMM:1.1e-05) |
| 19344 | OJ000314_10.0411.C13.p1.gs | set(HMM:0.005) |
| 19345 | OJ000314_10.0420.C7.p1.gs | set(HMM:0.005) |
| 19346 | OJ000320_11.0419.C25.p1.gs | set(HMM:0.00036) |
| 19347 | OJ000321_03.0417.C2.p7.gs | set(HMM:1.3e-33) |
| 19348 | OJ000321_03.0426.C2.p7.gs | set(HMM:1.3e-33) |
| 19349 | OJ000321_21.0419.C9.p1.gs | set(HMM:1.5e-46) |
| 19350 | OJ000350_56.0322.C3.p3.gs | set(HMM:1.8e-46) |
| 19351 | OJ990311_06.0131.C68.p1.gs | set(HMM:3.8e-43) |
| 19352 | OJ990317_09.0421.C23.p3.gs | set(HMM:6.1e-57) |
| 19353 | OJ990317_09.9C20.C23.p3.gs | set(HMM:6.1e-57) |
| 19354 | OJ990406_06.9819.C22.p1.gs | set(HMM:2.1e-33) |
| 19355 | OJ990421_27.9B19.C13.p3.gs | set(HMM:3.5e-47) |
| 19356 | OJ990427_10.9927.C32.p1.gs | set(HMM:0.01) |
| 19357 | OJ990427_10.9927.C33.p1.gs | set(HMM:0.00012) |
| 19358 | OJ990428_08.9924.C35.p2.gs | set(HMM:2.1e-33) |

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| 19359 | OJ990428_08.9924.C48.p1.gs | set(HMM:0.00076) |
| 19360 | OJ990430_01.9C03.C64.p1.gs | set(HMM:9.6e-05) |
| 19361 | OJ990502_29.9924.C2.p3.gs | set(HMM:3.5e-54) |
| 19362 | OJ990504_02.9A01.C24.p1.gs | set(HMM:6e-32) |
| 19363 | OJ990504_07.9C27.C5.p1.gs | set(HMM:2.1e-33) |
| 19364 | OJ990504_07.9C27.C54.p1.gs | set(HMM:6.6e-07) |
| 19365 | OJ990520_35.9922.C6.p3.gs | set(HMM:5.6e-55) |
| 19366 | OJ990524_07.0128.C11.p1.gs | set(HMM:1.9e-36) |
| 19367 | OJ990528_13.9C10.C29.p1.gs | set(HMM:7.6e-08) |
| 19368 | OJ990528_31.9919.C9.p1.gs | set(HMM:0.00012) |
| 19369 | OJ990708_04.9A01.C11.p1.gs | set(HMM:9.6e-05) |
| 19370 | OJ990722_13.9C03.C2.p1.gs | set(HMM:9e-12) |
| 19371 | OJ990810_10.9C23.C6.p1.gs | set(HMM:1.8e-46) |
| 19372 | OJ990903_12.9C01.C11.p1.gs | set(HMM:5.8e-45) |
| 19373 | OJ990915_17.9C23.C6.p1.gs | set(HMM:2.5e-17) |
| 19374 | OJ990915_17.9C23.C7.p1.gs | set(HMM:2e-08) |
| 19375 | OJ991021_11.0218.C10.p1.gs | set(HMM:5.5e-07) |
| 19376 | OJ991021_11.0218.C11.p1.gs | set(HMM:7.5e-08) |
| 19377 | OJ991101_12.0218.C10.p1.gs | set(HMM:3.5e-47) |
| 19378 | OJ991111_01.0218.C2.p5.gs | set(HMM:2.4e-17) |
| 19379 | OJ991111_04.0125.C2.p3.gs | set(HMM:2.4e-17) |
| 19380 | OJ991121_39.0229.C40.p1.gs | set(HMM:4.4e-22) |
| 19381 | OJ991201_06.0103.C13.p1.gs | set(HMM:0.00075) |
| 19382 | OJ991201_08.9C23.C2.p3.gs | set(HMM:6.1e-57) |
| 19383 | OJ991208_08.0128.C5.p1.gs | set(HMM:6e-32) |
| 19384 | OJ991209_08.0222.C4.p2.gs | set(HMM:6e-32) |
| 19385 | OJ991209_13.0301.C3.p12.gs | set(HMM:2.5e-37) |
| 19386 | OJ990301_10.9B03.C4.p2.gs | set(HMM:1.9e-36),zf-c2h2(HMM:1.2e-08) |
| 19387 | OJ000107_04.0210.C25.p1.gs | snf2_n(HMM:2.5e-20) |
| 19388 | OJ000107_04.0210.C28.p1.gs | snf2_n(HMM:0.0019) |
| 19389 | OJ000107_04.0426.C25.p1.gs | snf2_n(HMM:2.5e-20) |
| 19390 | OJ000107_04.0426.C28.p1.gs | snf2_n(HMM:0.0019) |
| 19391 | OJ000114_15.0310.C7.p5.gs | snf2_n(HMM:7.9e-85) |
| 19392 | OJ000204_08.0317.C4.p2.gs | snf2_n(HMM:4.8e-53) |
| 19393 | OJ000204_26.0307.C4.p1.gs | snf2_n(HMM:3.3e-89) |
| 19394 | OJ000207_17.0306.C17.p1.gs | snf2_n(HMM:1.4e-26) |
| 19395 | OJ000209_26.0229.C11.p1.gs | snf2_n(HMM:1.1e-28) |
| 19396 | OJ000210_17.0322.C21.p4.gs | snf2_n(HMM:1.7e-140) |
| 19397 | OJ000211_02.0327.C12.p1.gs | snf2_n(HMM:4e-14) |
| 19398 | OJ000250_15.0222.C8.p1.gs | snf2_n(HMM:6.6e-18) |
| 19399 | OJ000250_59.0214.C31.p1.gs | snf2_n(HMM:0.0031) |
| 19400 | OJ000250_59.0214.C32.p1.gs | snf2_n(HMM:5.6e-18) |
| 19401 | OJ000251_35.0218.C49.p1.gs | snf2_n(HMM:5.3e-18) |
| 19402 | OJ000314_10.0411.C2.p1.gs | snf2_n(HMM:2.4e-07) |
| 19403 | OJ000314_10.0411.C3.p1.gs | snf2_n(HMM:6.4e-60) |
| 19404 | OJ000314_10.0420.C1.p2.gs | snf2_n(HMM:1.1e-60) |
| 19405 | OJ000315_15.0424.C12.p1.gs | snf2_n(HMM:1.5e-66) |
| 19406 | OJ000321_27.0419.C10.p1.gs | snf2_n(HMM:3e-11) |
| 19407 | OJ000327_27.0419.C11.p1.gs | snf2_n(HMM:0.00023) |
| 19408 | OJ000330_24.0419.C10.p1.gs | snf2_n(HMM:5.3e-06) |
| 19409 | OJ000350_62.0404.C6.p8.gs | snf2_n(HMM:7.9e-85) |
| 19410 | OJ000350_67.0328.C17.p1.gs | snf2_n(HMM:6.6e-18) |
| 19411 | OJ990323_18.0419.C7.p1.gs | snf2_n(HMM:8.9e-103) |

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| 19412 | OJ990423_06.9819.C10.p3.gs | snf2_n(HMM:1.7e-140) |
| 19413 | OJ990423_06.9819.C11.p1.gs | snf2_n(HMM:1.1e-13) |
| 19414 | OJ990423_06.9819.C26.p1.gs | snf2_n(HMM:2.7e-24) |
| 19415 | OJ990428_26.9819.C16.p1.gs | snf2_n(HMM:0.00073) |
| 19416 | OJ990503_03.9A01.C4.p1.gs | snf2_n(HMM:0.094) |
| 19417 | OJ990517_13.9A08.C12.p1.gs | snf2_n(HMM:1.7e-16) |
| 19418 | OJ990517_13.9A08.C6.p3.gs | snf2_n(HMM:1e-97) |
| 19419 | OJ990520_22.9A22.C6.p1.gs | snf2_n(HMM:0.013) |
| 19420 | OJ990617_13.9B24.C1.p2.gs | snf2_n(HMM:0.081) |
| 19421 | OJ990618_12.9921.C48.p1.gs | snf2_n(HMM:5.4e-73) |
| 19422 | OJ990619_53.9A29.C12.p1.gs | snf2_n(HMM:6.9e-20) |
| 19423 | OJ990721_06.9B05.C3.p1.gs | snf2_n(HMM:1.9e-42) |
| 19424 | OJ990808_45.9C06.C7.p1.gs | snf2_n(HMM:5.8e-06) |
| 19425 | OJ990903_13.0225.C30.p1.gs | snf2_n(HMM:5.4e-134) |
| 19426 | OJ991015_03.0302.C2.p1.gs | snf2_n(HMM:1.4e-07) |
| 19427 | OJ991022_17.0225.C19.p1.gs | snf2_n(HMM:4e-57) |
| 19428 | OJ991113_45.0419.C5.p1.gs | snf2_n(HMM:9.8e-05) |
| 19429 | OJ991215_18.0306.C28.p3.gs | snf2_n(HMM:1.4e-110) |
| 19430 | OJ000103_03.0204.C2.p6.gs | snf2_n(HMM:1.8e-94),zf- c3hc4(HMM:7.9e-05) |
| 19431 | OJ000103_03.0426.C2.p6.gs | snf2_n(HMM:1.8e-94),zf- c3hc4(HMM:7.9e-05) |
| 19432 | OJ000250_59.0214.C30.p13.gs | snf2_n(HMM:2.9e-06),zf- c3hc4(HMM:1.4e-06) |
| 19433 | OJ000250_70.0214.C7.p3.gs | snf2_n(HMM:1.8e-94),zf- c3hc4(HMM:7.9e-05) |
| 19434 | OJ000250_70.0303.C3.p3.gs | snf2_n(HMM:1.8e-94),zf- c3hc4(HMM:7.9e-05) |
| 19435 | OJ000302_03.0407.C10.p2.gs | snf2_n(HMM:2e-96),zf- c3hc4(HMM:0.00054) |
| 19436 | OJ000320_32.0419.C1.p1.gs | snf2_n(HMM:1.6e-12),zf- c3hc4(HMM:7.9e-05) |
| 19437 | OJ000350_43.0317.C20.p1.gs | snf2_n(HMM:5.4e-73),zf- c3hc4(HMM:6.3e-10) |
| 19438 | OJ990405_09.9819.C35.p1.gs | snf2_n(HMM:2.3e-73),zf- c3hc4(HMM:6.3e-10) |
| 19439 | OJ990517_12.9A29.C9.p4.gs | snf2_n(HMM:1.8e-94),zf- c3hc4(HMM:7.9e-05) |
| 19440 | OJ990527_20.0419.C58.p2.gs | snf2_n(HMM:5.4e-73),zf- c3hc4(HMM:6.3e-10) |
| 19441 | OJ990619_46.0103.C7.p3.gs | snf2_n(HMM:1.8e-94),zf- c3hc4(HMM:7.9e-05) |
| 19442 | OJ990826_03.0103.C11.p2.gs | snf2_n(HMM:2.2e-11),zf- c3hc4(HMM:1.4e-09) |
| 19443 | OJ991028_10.0118.C2.p1.gs | snf2_n(HMM:1.8e-94),zf- c3hc4(HMM:7.9e-05) |
| 19444 | OJ991119_18.9C21.C30.p2.gs | snf2_n(HMM:1.1e-94),zf- c3hc4(HMM:7.9e-05) |
| 19445 | OJ000150_15.0124.C22.p1.gs | srf-tf(HMM:5.3e-35) |
| 19446 | OJ000150_17.0124.C78.p1.gs | srf-tf(HMM:0.46) |
| 19447 | OJ000150_31.0124.C11.p1.gs | srf-tf(HMM:0.075) |
| 19448 | OJ000150_31.0124.C16.p1.gs | srf-tf(HMM:0.075) |
| 19449 | OJ000150_31.0124.C18.p2.gs | srf-tf(HMM:0.46) |
| 19450 | OJ000150_31.0124.C19.p1.gs | srf-tf(HMM:0.76) |

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| OJ000150_31.0124.C41.p1.gs | srf-tf(HMM:0.46) |
| OJ000209_23.0320.C9.p1.gs | srf-tf(HMM:8.7e-28) |
| OJ000211_08.0323.C11.p2.gs | srf-tf(HMM:8.7e-09) |
| OJ000217_13.0320.C4.p4.gs | srf-tf(HMM:1.2e-26) |
| OJ000224_03.0404.C5.p1.gs | srf-tf(HMM:2.4e-23) |
| OJ000250_82.0320.C49.p1.gs | srf-tf(HMM:6.1e-34) |
| OJ000301_17.0410.C6.p1.gs | srf-tf(HMM:1.6e-15) |
| OJ000320_03.0419.C35.p1.gs | srf-tf(HMM:3.9) |
| OJ990202_02.9819.C25.p1.gs | srf-tf(HMM:2e-15) |
| OJ990318_15.9819.C2.p5.gs | srf-tf(HMM:0.0013) |
| OJ990421_05.9C03.C12.p1.gs | srf-tf(HMM:2e-17) |
| OJ990421_05.9C03.C38.p1.gs | srf-tf(HMM:1.4e-21) |
| OJ990510_04.9919.C18.p3.gs | srf-tf(HMM:0.00063) |
| OJ990510_04.9919.C19.p2.gs | srf-tf(HMM:0.46) |
| OJ990510_04.9919.C20.p3.gs | srf-tf(HMM:0.075) |
| OJ990527_36.9922.C5.p1.gs | srf-tf(HMM:1.6e-15) |
| OJ990618_10.9C10.C14.p1.gs | srf-tf(HMM:1.4e-13) |
| OJ990713_05.9924.C3.p3.gs | srf-tf(HMM:2.7e-12) |
| OJ990822_51.9C23.C7.p2.gs | srf-tf(HMM:1.9e-17) |
| OJ990823_06.9B03.C13.p1.gs | srf-tf(HMM:1.5e-38) |
| OJ990826_02.9B04.C1.p1.gs | srf-tf(HMM:1.7) |
| OJ990914_19.9B01.C2.p3.gs | srf-tf(HMM:5.3e-36) |
| OJ990915_06.9B15.C22.p1.gs | srf-tf(HMM:3.5e-14) |
| OJ990923_18.9B12.C11.p1.gs | srf-tf(HMM:0.76) |
| OJ990923_18.9B12.C12.p2.gs | srf-tf(HMM:0.075) |
| OJ991011_14.0207.C11.p1.gs | srf-tf(HMM:3.1e-38) |
| OJ991012_15.0225.C4.p1.gs | srf-tf(HMM:1.3e-14) |
| OJ991112_16.0104.C7.p4.gs | srf-tf(HMM:8e-22) |
| OJ991117_15.0331.C5.p1.gs | srf-tf(HMM:1.6e-15) |
| OJ991208_14.0104.C2.p2.gs | srf-tf(HMM:0.46) |
| OJ991208_14.0104.C20.p4.gs | srf-tf(HMM:0.075) |
| OJ991214_09.0112.C5.p6.gs | srf-tf(HMM:0.075) |
| OJ991214_09.0112.C5.p8.gs | srf-tf(HMM:0.46) |
| OJ000113_05.0222.C14.p1.gs | tbp(HMM:0.0047) |
| OJ000113_05.0426.C14.p1.gs | tbp(HMM:0.0047) |
| OJ000110_19.0303.C9.p2.gs | teo(HMM:3.1e-35) |
| OJ000110_19.0426.C9.p2.gs | teo(HMM:3.1e-35) |
| OJ000113_22.0225.C12.p1.gs | teo(HMM:8.6e-34) |
| OJ000209_20.0313.C23.p1.gs | teo(HMM:7.4e-13) |
| OJ000250_48.0211.C10.p1.gs | teo(HMM:9.6e-05) |
| OJ000301_06.0419.C13.p4.gs | teo(HMM:2.2e-30) |
| OJ000310_32.0419.C7.p2.gs | teo(HMM:2.1e-36) |
| OJ000314_31.0419.C6.p2.gs | teo(HMM:3.9e-37) |
| OJ000315_29.0419.C13.p2.gs | teo(HMM:3.9e-37) |
| OJ000321_12.0419.C13.p2.gs | teo(HMM:2.7e-30) |
| OJ000321_38.0419.C16.p7.gs | teo(HMM:2.9e-24) |
| OJ000328_06.0419.C18.p1.gs | teo(HMM:2.6e-32) |
| OJ990421_04.9919.C46.p2.gs | teo(HMM:0.0054) |
| OJ990422_22.9819.C6.p3.gs | teo(HMM:5.1e-30) |
| OJ990620_35.0114.C7.p7.gs | teo(HMM:2.7e-30) |
| OJ990729_12.9B19.C18.p4.gs | teo(HMM:2.2e-30) |
| OJ991007_18.0120.C6.p2.gs | teo(HMM:5.2e-30) |
| OJ991013_10.0110.C11.p2.gs | teo(HMM:8.4e-41) |
| OJ991119_17.0126.C12.p1.gs | teo(HMM:2.1e-36) |

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| 19505 | OJ991217_20.0218.C9.p7.gs | teo(HMM:0.0045) |
| 19506 | OJ000229_15.0419.C10.p2.gs | tfiis(HMM:1.1e-21) |
| 19507 | OJ000302_11.0403.C6.p3.gs | tfiis(HMM:1.9e-15) |
| 19508 | OJ000350_70.0328.C6.p3.gs | tfiis(HMM:1.1e-21) |
| 19509 | OJ991027_14.0308.C27.p1.gs | tfiis(HMM:1.1e-21) |
| 19510 | OJ991113_35.0112.C2.p8.gs | tfiis(HMM:1.9e-15) |
| 19511 | OJ000122_36.0307.C39.p1.gs | transcript_fac2(HMM:7.1e-25) |
| 19512 | OJ000250_93.0307.C13.p1.gs | transcript_fac2(HMM:7.1e-25) |
| 19513 | OJ990602_03.0107.C39.p1.gs | transcript_fac2(HMM:3.7e-50) |
| 19514 | OJ990602_03.0107.C4.p1.gs | transcript_fac2(HMM:3.6e-16) |
| 19515 | OJ990823_08.9B10.C5.p3.gs | transcript_fac2(HMM:1.4e-56) |
| 19516 | OJ000118_12.0215.C22.p1.gs | trihelix(HMM:5.2e-10) |
| 19517 | OJ000125_02.0303.C27.p1.gs | trihelix(HMM:0.4) |
| 19518 | OJ000223_09.0322.C5.p4.gs | trihelix(HMM:7.2e-42) |
| 19519 | OJ000223_14.0323.C22.p1.gs | trihelix(HMM:0.4) |
| 19520 | OJ000250_65.0217.C5.p5.gs | trihelix(HMM:0.2) |
| 19521 | OJ000250_76.0214.C15.p1.gs | trihelix(HMM:5.2e-10) |
| 19522 | OJ000251_26.0303.C7.p2.gs | trihelix(HMM:0.4) |
| 19523 | OJ000251_26.0323.C8.p2.gs | trihelix(HMM:0.4) |
| 19524 | OJ000251_48.0228.C48.p1.gs | trihelix(HMM:3.6) |
| 19525 | OJ000310_06.0417.C14.p1.gs | trihelix(HMM:0.0013) |
| 19526 | OJ990318_06.0228.C89.p1.gs | trihelix(HMM:3.6) |
| 19527 | OJ990408_08.9B12.C14.p1.gs | trihelix(HMM:0.00059) |
| 19528 | OJ990408_08.9B12.C30.p1.gs | trihelix(HMM:1.4e-124) |
| 19529 | OJ990421_23.9923.C5.p2.gs | trihelix(HMM:5.2e-118) |
| 19530 | OJ990429_24.0128.C28.p1.gs | trihelix(HMM:2.1e-55) |
| 19531 | OJ990429_24.0128.C29.p1.gs | trihelix(HMM:2.2e-60) |
| 19532 | OJ990831_01.0419.C11.p1.gs | trihelix(HMM:1.2e-58) |
| 19533 | OJ990831_01.0419.C12.p1.gs | trihelix(HMM:4.6e-46) |
| 19534 | OJ990915_06.9B15.C10.p1.gs | trihelix(HMM:3e-46) |
| 19535 | OJ990923_10.9A29.C13.p1.gs | trihelix(HMM:9.4e-14) |
| 19536 | OJ991110_16.0410.C18.p1.gs | trihelix(HMM:2.1e-55) |
| 19537 | OJ991202_15.0118.C1.p6.gs | trihelix(HMM:1.3) |
| 19538 | OJ000110_03.0426.C14.p1.gs | wrky(HMM:1.2e-16) |
| 19539 | OJ000110_04.0426.C19.p3.gs | wrky(HMM:5e-42) |
| 19540 | OJ000110_04.0426.C7.p2.gs | wrky(HMM:1.1e-43) |
| 19541 | OJ000111_13.0222.C2.p1.gs | wrky(HMM:1.5e-10) |
| 19542 | OJ000111_13.0426.C2.p1.gs | wrky(HMM:1.5e-10) |
| 19543 | OJ000114_19.0307.C8.p6.gs | wrky(HMM:8.6e-87) |
| 19544 | OJ000119_08.0302.C10.p3.gs | wrky(HMM:7.8e-23) |
| 19545 | OJ000130_45.0328.C11.p2.gs | wrky(HMM:5e-22) |
| 19546 | OJ000130_45.0328.C3.p6.gs | wrky(HMM:4.5e-29) |
| 19547 | OJ000150_00.0124.C17.p1.gs | wrky(HMM:2.1e-10) |
| 19548 | OJ000150_00.0124.C61.p1.gs | wrky(HMM:1.2e-37) |
| 19549 | OJ000207_27.0406.C33.p2.gs | wrky(HMM:1.2e-43) |
| 19550 | OJ000208_25.0419.C15.p1.gs | wrky(HMM:2.6e-40) |
| 19551 | OJ000210_10.0307.C3.p2.gs | wrky(HMM:4.6e-34) |
| 19552 | OJ000216_03.0330.C44.p1.gs | wrky(HMM:1.9e-41) |
| 19553 | OJ000217_16.0403.C2.p3.gs | wrky(HMM:1.2e-27) |
| 19554 | OJ000222_09.0330.C10.p2.gs | wrky(HMM:7.6e-39) |
| 19555 | OJ000222_15.0406.C2.p10.gs | wrky(HMM:1.3e-07) |
| 19556 | OJ000222_15.0406.C3.p1.gs | wrky(HMM:0.0095) |
| 19557 | OJ000229_06.0323.C14.p6.gs | wrky(HMM:2.4e-39) |
| 19558 | OJ000250_12.0209.C20.p3.gs | wrky(HMM:2e-09) |

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| 19559 | OJ000250_31.0217.C50.p1.gs | wrky(HMM:3.8e-16) |
| 19560 | OJ000250_52.0214.C21.p2.gs | wrky(HMM:1.6e-67) |
| 19561 | OJ000250_71.0214.C38.p2.gs | wrky(HMM:1.5e-38) |
| 19562 | OJ000251_09.0406.C4.p1.gs | wrky(HMM:8.1e-24) |
| 19563 | OJ000251_45.0217.C20.p1.gs | wrky(HMM:8.7e-40) |
| 19564 | OJ000251_47.0320.C15.p1.gs | wrky(HMM:5e-42) |
| 19565 | OJ000301_27.0419.C18.p3.gs | wrky(HMM:4.5e-32) |
| 19566 | OJ000302_07.0407.C5.p1.gs | wrky(HMM:4.6e-35) |
| 19567 | OJ000303_03.0419.C12.p2.gs | wrky(HMM:1.9e-41) |
| 19568 | OJ000303_13.0407.C26.p3.gs | wrky(HMM:4.5e-32) |
| 19569 | OJ000307_27.0419.C17.p2.gs | wrky(HMM:7e-35) |
| 19570 | OJ000307_28.0417.C2.p1.gs | wrky(HMM:3.3e-42) |
| 19571 | OJ000310_09.0419.C25.p1.gs | wrky(HMM:2.2e-34) |
| 19572 | OJ000310_18.0418.C8.p3.gs | wrky(HMM:2.2e-31) |
| 19573 | OJ000310_18.0418.C9.p1.gs | wrky(HMM:3.7e-39) |
| 19574 | OJ000314_32.0412.C7.p3.gs | wrky(HMM:1.1e-23) |
| 19575 | OJ000314_36.0419.C13.p2.gs | wrky(HMM:7e-35) |
| 19576 | OJ000314_36.0419.C4.p2.gs | wrky(HMM:1.2e-37) |
| 19577 | OJ000320_17.0420.C7.p1.gs | wrky(HMM:2.5e-40) |
| 19578 | OJ000320_21.0419.C22.p2.gs | wrky(HMM:7.8e-41) |
| 19579 | OJ000320_21.0419.C7.p3.gs | wrky(HMM:4.6e-34) |
| 19580 | OJ000321_11.0419.C16.p1.gs | wrky(HMM:7.8e-41) |
| 19581 | OJ000323_08.0419.C11.p1.gs | wrky(HMM:1.1e-40) |
| 19582 | OJ000327_14.0420.C20.p2.gs | wrky(HMM:2.2e-22) |
| 19583 | OJ000327_14.0420.C24.p3.gs | wrky(HMM:1.2e-20) |
| 19584 | OJ000327_14.0420.C3.p1.gs | wrky(HMM:5.8e-15) |
| 19585 | OJ000327_15.0424.C8.p1.gs | wrky(HMM:0.0028) |
| 19586 | OJ000327_16.0420.C33.p2.gs | wrky(HMM:1.3e-07) |
| 19587 | OJ000327_16.0420.C33.p3.gs | wrky(HMM:0.0095) |
| 19588 | OJ000327_24.0425.C25.p2.gs | wrky(HMM:9.4e-40) |
| 19589 | OJ000328_19.0419.C27.p4.gs | wrky(HMM:2.2e-34) |
| 19590 | OJ000330_26.0419.C29.p1.gs | wrky(HMM:2.2e-09) |
| 19591 | OJ000331_10.0419.C14.p2.gs | wrky(HMM:1.3e-07) |
| 19592 | OJ000331_10.0419.C14.p3.gs | wrky(HMM:0.0095) |
| 19593 | OJ000331_13.0420.C2.p2.gs | wrky(HMM:7.8e-23) |
| 19594 | OJ000350_24.0314.C17.p1.gs | wrky(HMM:1.6e-91) |
| 19595 | OJ000350_55.0419.C10.p1.gs | wrky(HMM:0.00039) |
| 19596 | OJ000403_18.0419.C10.p1.gs | wrky(HMM:7.5e-34) |
| 19597 | OJ000404_07.0421.C1.p1.gs | wrky(HMM:8.6e-87) |
| 19598 | OJ990323_15.9A11.C3.p3.gs | wrky(HMM:1.2e-37) |
| 19599 | OJ990325_03.9A14.C37.p1.gs | wrky(HMM:1.1) |
| 19600 | OJ990402_32.9819.C8.p4.gs | wrky(HMM:3e-37) |
| 19601 | OJ990414_06.9C10.C5.p2.gs | wrky(HMM:5.6e-88) |
| 19602 | OJ990414_10.9819.C2.p3.gs | wrky(HMM:1.3e-07) |
| 19603 | OJ990414_10.9819.C2.p4.gs | wrky(HMM:0.0095) |
| 19604 | OJ990414_11.9819.C10.p4.gs | wrky(HMM:1.8e-40) |
| 19605 | OJ990415_08.9922.C11.p7.gs | wrky(HMM:5.6e-88) |
| 19606 | OJ990421_05.9C03.C27.p1.gs | wrky(HMM:6.3e-27) |
| 19607 | OJ990428_05.9819.C11.p1.gs | wrky(HMM:1.3e-09) |
| 19608 | OJ990428_05.9819.C26.p2.gs | wrky(HMM:2.2e-09) |
| 19609 | OJ990428_05.9819.C57.p1.gs | wrky(HMM:1.3e-09) |
| 19610 | OJ990428_05.9819.C75.p1.gs | wrky(HMM:0.011) |
| 19611 | OJ990428_26.9819.C11.p3.gs | wrky(HMM:0.0007) |
| 19612 | OJ990428_26.9819.C12.p1.gs | wrky(HMM:2.2e-07) |

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| 19613 | OJ990503_08.9924.C50.p1.gs | wrky(HMM:0.14) |
| 19614 | OJ990503_08.9924.C52.p3.gs | wrky(HMM:2.2e-22) |
| 19615 | OJ990503_08.9924.C74.p1.gs | wrky(HMM:5.8e-15) |
| 19616 | OJ990503_08.9924.C96.p2.gs | wrky(HMM:0.024) |
| 19617 | OJ990513_03.9924.C9.p5.gs | wrky(HMM:6.5e-26) |
| 19618 | OJ990524_11.9921.C11.p4.gs | wrky(HMM:3.8e-12) |
| 19619 | OJ990528_01.9921.C25.p1.gs | wrky(HMM:1.5e-46) |
| 19620 | OJ990528_10.0419.C75.p1.gs | wrky(HMM:4.8e-39) |
| 19621 | OJ990603_08.0419.C13.p1.gs | wrky(HMM:1.3e-07) |
| 19622 | OJ990605_41.0225.C1.p2.gs | wrky(HMM:1.1e-43) |
| 19623 | OJ990617_02.9B01.C14.p1.gs | wrky(HMM:0.016) |
| 19624 | OJ990619_39.9C10.C2.p2.gs | wrky(HMM:9.4e-40) |
| 19625 | OJ990627_47.9A01.C12.p3.gs | wrky(HMM:1e-22) |
| 19626 | OJ990627_47.9A01.C6.p1.gs | wrky(HMM:4.9e-13) |
| 19627 | OJ990627_47.9A01.C7.p1.gs | wrky(HMM:1.2e-20) |
| 19628 | OJ990627_47.9A01.C9.p1.gs | wrky(HMM:2.2e-22) |
| 19629 | OJ990709_08.9C10.C2.p2.gs | wrky(HMM:8.6e-87) |
| 19630 | OJ990716_09.9B08.C2.p1.gs | wrky(HMM:2.2e-38) |
| 19631 | OJ990802_09.9B24.C2.p1.gs | wrky(HMM:6.1e-61) |
| 19632 | OJ990804_05.9B12.C17.p2.gs | wrky(HMM:2.2e-09) |
| 19633 | OJ990804_05.9B12.C18.p1.gs | wrky(HMM:0.011) |
| 19634 | OJ990818_16.9C10.C39.p2.gs | wrky(HMM:2.4e-39) |
| 19635 | OJ990820_06.0215.C5.p2.gs | wrky(HMM:7.6e-39) |
| 19636 | OJ990821_61.9C20.C7.p1.gs | wrky(HMM:1.2e-43) |
| 19637 | OJ990825_14.9B15.C13.p1.gs | wrky(HMM:8.7e-28) |
| 19638 | OJ990825_14.9B15.C13.p3.gs | wrky(HMM:3.4e-06) |
| 19639 | OJ990825_14.9B15.C3.p1.gs | wrky(HMM:2.2e-20) |
| 19640 | OJ990826_07.0103.C10.p8.gs | wrky(HMM:1.9e-41) |
| 19641 | OJ990913_14.9B19.C18.p3.gs | wrky(HMM:1.9e-41) |
| 19642 | OJ990917_16.9B08.C13.p1.gs | wrky(HMM:1.1e-40) |
| 19643 | OJ991022_09.0210.C10.p3.gs | wrky(HMM:1.2e-20) |
| 19644 | OJ991022_09.0210.C13.p2.gs | wrky(HMM:2.2e-22) |
| 19645 | OJ991022_09.0210.C14.p6.gs | wrky(HMM:2.2e-08) |
| 19646 | OJ991022_09.0210.C17.p2.gs | wrky(HMM:5.8e-15) |
| 19647 | OJ991026_12.0202.C2.p1.gs | wrky(HMM:1.3e-09) |
| 19648 | OJ991026_12.0202.C3.p1.gs | wrky(HMM:0.00011) |
| 19649 | OJ991028_05.0211.C2.p1.gs | wrky(HMM:1.1e-40) |
| 19650 | OJ991106_42.0103.C4.p1.gs | wrky(HMM:0.0012) |
| 19651 | OJ991106_42.0103.C4.p3.gs | wrky(HMM:1.8e-12) |
| 19652 | OJ991108_07.0125.C2.p5.gs | wrky(HMM:2.9e-15) |
| 19653 | OJ991109_03.0218.C14.p2.gs | wrky(HMM:1.2e-16) |
| 19654 | OJ991110_15.0218.C9.p5.gs | wrky(HMM:1.4e-39) |
| 19655 | OJ991114_35.0419.C23.p1.gs | wrky(HMM:1.9) |
| 19656 | OJ991202_08.0421.C36.p6.gs | wrky(HMM:0.01) |
| 19657 | OJ991202_08.9C30.C35.p1.gs | wrky(HMM:0.01) |
| 19658 | OJ991203_01.0128.C6.p3.gs | wrky(HMM:5.8e-20) |
| 19659 | OJ991214_03.0114.C4.p5.gs | wrky(HMM:7.8e-23) |
| 19660 | OJ991215_01.0113.C8.p3.gs | wrky(HMM:6.5e-26) |
| 19661 | OJ991216_02.0218.C15.p2.gs | wrky(HMM:7.3e-36) |
| 19662 | OJ991216_03.0419.C6.p3.gs | wrky(HMM:1.9e-41) |
| 19663 | OJ991217_03.0211.C3.p2.gs | wrky(HMM:0.00011) |
| 19664 | OJ991217_03.0303.C3.p2.gs | wrky(HMM:0.00011) |
| 19665 | OJ991220_02.0127.C2.p3.gs | wrky(HMM:4.5e-32) |
| 19666 | OJ991226_43.0315.C5.p1.gs | wrky(HMM:1.1e-40) |

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| OJ000251_12.0217.C37.p1.gs | zf-c2h2(HMM:1.3e-08) |
| OJ000251_40.0303.C38.p1.gs | zf-c2h2(HMM:8.8e-09) |
| OJ000251_45.0217.C17.p1.gs | zf-c2h2(HMM:0.0051) |
| OJ000303_24.0327.C9.p1.gs | zf-c2h2(HMM:0.0032) |
| OJ000303_27.0328.C8.p7.gs | zf-c2h2(HMM:0.0032) |
| OJ000308_22.0419.C20.p2.gs | zf-c2h2(HMM:0.011) |
| OJ000310_12.0419.C19.p1.gs | zf-c2h2(HMM:1e-10) |
| OJ000310_31.0425.C2.p4.gs | zf-c2h2(HMM:0.1) |
| OJ000313_31.0421.C13.p1.gs | zf-c2h2(HMM:4.9e-07) |
| OJ000314_11.0421.C6.p1.gs | zf-c2h2(HMM:0.036) |
| OJ000316_14.0419.C28.p1.gs | zf-c2h2(HMM:3.8e-07) |
| OJ000320_08.0419.C30.p2.gs | zf-c2h2(HMM:0.0002) |
| OJ000321_17.0419.C13.p2.gs | zf-c2h2(HMM:4.5e-09) |
| OJ000322_05.0419.C9.p1.gs | zf-c2h2(HMM:0.038) |
| OJ000322_12.0424.C17.p1.gs | zf-c2h2(HMM:0.00052) |
| OJ000322_17.0419.C9.p1.gs | zf-c2h2(HMM:0.0042) |
| OJ000324_27.0420.C35.p1.gs | zf-c2h2(HMM:1.7e-08) |
| OJ000327_15.0424.C39.p2.gs | zf-c2h2(HMM:7.2e-05) |
| OJ000327_15.0424.C39.p4.gs | zf-c2h2(HMM:1.8e-10) |
| OJ000327_29.0419.C29.p2.gs | zf-c2h2(HMM:2.3e-09) |
| OJ000330_11.0419.C27.p2.gs | zf-c2h2(HMM:1.6e-08) |
| OJ000330_11.0419.C29.p1.gs | zf-c2h2(HMM:3.9e-06) |
| OJ000330_40.0424.C11.p1.gs | zf-c2h2(HMM:9.7e-05) |
| OJ000331_09.0418.C1.p3.gs | zf-c2h2(HMM:0.1) |
| OJ000350_16.0419.C44.p1.gs | zf-c2h2(HMM:2.4e-08) |
| OJ000350_16.0419.C47.p1.gs | zf-c2h2(HMM:1.7e-08) |
| OJ000403_67.0328.C4.p1.gs | zf-c2h2(HMM:2e-17) |
| OJ000404_22.0424.C8.p2.gs | zf-c2h2(HMM:1.7e-08) |
| OJ000404_22.0424.C14.p3.gs | zf-c2h2(HMM:3.4e-08) |
| OJ000404_22.0424.C27.p1.gs | zf-c2h2(HMM:2.1e-08) |
| OJ990301_08.9819.C35.p1.gs | zf-c2h2(HMM:6.2e-06) |
| OJ990301_09.9819.C4.p5.gs | zf-c2h2(HMM:2.8e-08) |
| OJ990318_08.9C23.C91.p2.gs | zf-c2h2(HMM:2.3e-15) |
| OJ990325_01.9C03.C15.p1.gs | zf-c2h2(HMM:0.026) |
| OJ990325_02.0420.C78.p3.gs | zf-c2h2(HMM:0.0002) |
| OJ990325_02.9921.C46.p1.gs | zf-c2h2(HMM:0.0002) |
| OJ990326_01.9C01.C19.p2.gs | zf-c2h2(HMM:5.6e-10) |
| OJ990331_10.9A01.C5.p19.gs | zf-c2h2(HMM:1.8e-10) |
| OJ990412_06.9922.C13.p5.gs | zf-c2h2(HMM:0.0002) |
| OJ990423_08.9924.C10.p1.gs | zf-c2h2(HMM:2.3e-15) |
| OJ990428_06.9A08.C33.p3.gs | zf-c2h2(HMM:0.0032) |
| OJ990429_07.9927.C27.p2.gs | zf-c2h2(HMM:2.6e-11) |
| OJ990430_01.9C03.C68.p1.gs | zf-c2h2(HMM:2.3e-08) |
| OJ990430_26.9B12.C13.p2.gs | zf-c2h2(HMM:1.7e-29) |
| OJ990517_24.9A01.C21.p4.gs | zf-c2h2(HMM:1.6e-06) |
| OJ990524_03.0103.C37.p2.gs | zf-c2h2(HMM:0.059) |
| OJ990524_07.0128.C28.p4.gs | zf-c2h2(HMM:1.2e-08) |
| OJ990527_24.9A20.C4.p4.gs | zf-c2h2(HMM:1.6e-06) |
| OJ990528_06.9C03.C33.p1.gs | zf-c2h2(HMM:0.023) |
| OJ990530_44.9819.C1.p8.gs | zf-c2h2(HMM:7.8e-08) |
| OJ990603_03.0419.C15.p1.gs | zf-c2h2(HMM:0.085) |
| OJ990630_02.9C01.C5.p2.gs | zf-c2h2(HMM:0.0002) |
| OJ990706_08.9A01.C8.p4.gs | zf-c2h2(HMM:5.3e-09) |
| OJ990715_06.9A01.C3.p11.gs | zf-c2h2(HMM:6.5e-10) |

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| 19762 | OJ990720_13.9C01.C13.p1.gs | zf-c2h2(HMM:0.00052) |
| 19763 | OJ990723_09.9A14.C5.p3.gs | zf-c2h2(HMM:0.023) |
| 19764 | OJ990726_04.9C03.C3.p8.gs | zf-c2h2(HMM:3.4e-08) |
| 19765 | OJ990804_04.9C23.C43.p4.gs | zf-c2h2(HMM:5.3e-09) |
| 19766 | OJ990809_01.0303.C46.p1.gs | zf-c2h2(HMM:8.8e-09) |
| 19767 | OJ990822_42.0419.C67.p1.gs | zf-c2h2(HMM:0.059) |
| 19768 | OJ990825_07.9B16.C8.p2.gs | zf-c2h2(HMM:0.019) |
| 19769 | OJ990827_09.0103.C27.p1.gs | zf-c2h2(HMM:4.2e-08) |
| 19770 | OJ990914_01.9B05.C7.p4.gs | zf-c2h2(HMM:2.8e-17) |
| 19771 | OJ990923_14.0228.C50.p1.gs | zf-c2h2(HMM:4.6e-11) |
| 19772 | OJ991008_04.0121.C8.p2.gs | zf-c2h2(HMM:2.4e-08) |
| 19773 | OJ991018_04.0211.C28.p2.gs | zf-c2h2(HMM:7.2e-08) |
| 19774 | OJ991020_10.0119.C18.p1.gs | zf-c2h2(HMM:0.0022) |
| 19775 | OJ991026_06.0218.C6.p3.gs | zf-c2h2(HMM:3.9e-10) |
| 19776 | OJ991026_06.0218.C7.p1.gs | zf-c2h2(HMM:1.8e-10) |
| 19777 | OJ991027_16.0118.C7.p1.gs | zf-c2h2(HMM:1.1e-10) |
| 19778 | OJ991027_18.0118.C3.p4.gs | zf-c2h2(HMM:0.025) |
| 19779 | OJ991109_13.0131.C14.p2.gs | zf-c2h2(HMM:7.3e-07) |
| 19780 | OJ991112_01.0403.C10.p4.gs | zf-c2h2(HMM:2e-07) |
| 19781 | OJ991112_01.0403.C10.p5.gs | zf-c2h2(HMM:3.1e-07) |
| 19782 | OJ991112_01.0403.C10.p7.gs | zf-c2h2(HMM:2.1e-06) |
| 19783 | OJ991112_14.0128.C7.p4.gs | zf-c2h2(HMM:5.7e-09) |
| 19784 | OJ991113_35.0112.C2.p3.gs | zf-c2h2(HMM:8.8e-09) |
| 19785 | OJ991116_02.0215.C10.p3.gs | zf-c2h2(HMM:3e-11) |
| 19786 | OJ991118_13.0111.C3.p5.gs | zf-c2h2(HMM:3.9e-10) |
| 19787 | OJ991118_13.0111.C3.p7.gs | zf-c2h2(HMM:1.8e-10) |
| 19788 | OJ991120_34.0419.C16.p1.gs | zf-c2h2(HMM:5.7e-09) |
| 19789 | OJ991122_12.0229.C3.p5.gs | zf-c2h2(HMM:1.3e-11) |
| 19790 | OJ991216_06.0211.C14.p1.gs | zf-c2h2(HMM:0.071) |
| 19791 | OJ000102_74.0317.C4.p1.gs | zf-c3hc4(HMM:0.0011) |
| 19792 | OJ000102_74.0426.C4.p1.gs | zf-c3hc4(HMM:0.0011) |
| 19793 | OJ000102_79.0301.C6.p1.gs | zf-c3hc4(HMM:1.7e-08) |
| 19794 | OJ000102_79.0414.C6.p1.gs | zf-c3hc4(HMM:1.7e-08) |
| 19795 | OJ000102_79.0426.C6.p1.gs | zf-c3hc4(HMM:1.7e-08) |
| 19796 | OJ000102_80.0307.C6.p4.gs | zf-c3hc4(HMM:0.014) |
| 19797 | OJ000102_80.0426.C6.p4.gs | zf-c3hc4(HMM:0.014) |
| 19798 | OJ000105_11.0214.C14.p4.gs | zf-c3hc4(HMM:2.7e-06) |
| 19799 | OJ000105_11.0310.C10.p1.gs | zf-c3hc4(HMM:2.7e-06) |
| 19800 | OJ000105_11.0426.C10.p1.gs | zf-c3hc4(HMM:2.7e-06) |
| 19801 | OJ000107_01.0327.C7.p1.gs | zf-c3hc4(HMM:5.4e-06) |
| 19802 | OJ000107_01.0426.C7.p1.gs | zf-c3hc4(HMM:5.4e-06) |
| 19803 | OJ000107_04.0210.C11.p4.gs | zf-c3hc4(HMM:1.3e-12) |
| 19804 | OJ000107_04.0426.C11.p4.gs | zf-c3hc4(HMM:1.3e-12) |
| 19805 | OJ000110_02.0330.C82.p1.gs | zf-c3hc4(HMM:0.0011) |
| 19806 | OJ000110_02.0426.C82.p1.gs | zf-c3hc4(HMM:0.0011) |
| 19807 | OJ000110_09.0308.C27.p1.gs | zf-c3hc4(HMM:5.1e-12) |
| 19808 | OJ000110_09.0426.C27.p1.gs | zf-c3hc4(HMM:5.1e-12) |
| 19809 | OJ000111_17.0229.C9.p2.gs | zf-c3hc4(HMM:0.0027) |
| 19810 | OJ000111_17.0426.C9.p2.gs | zf-c3hc4(HMM:0.0027) |
| 19811 | OJ000112_19.0225.C4.p2.gs | zf-c3hc4(HMM:9.9e-08) |
| 19812 | OJ000113_02.0211.C5.p1.gs | zf-c3hc4(HMM:8e-11) |
| 19813 | OJ000113_02.0426.C5.p1.gs | zf-c3hc4(HMM:8e-11) |
| 19814 | OJ000113_05.0222.C10.p2.gs | zf-c3hc4(HMM:1.4e-07) |
| 19815 | OJ000113_05.0426.C10.p2.gs | zf-c3hc4(HMM:1.4e-07) |

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| 19816 | OJ000113_21.0317.C9.p2.gs | zf-c3hc4(HMM:8.1e-12) |
| 19817 | OJ000114_10.0419.C2.p2.gs | zf-c3hc4(HMM:4.9e-12) |
| 19818 | OJ000114_10.0419.C3.p1.gs | zf-c3hc4(HMM:1.1e-08) |
| 19819 | OJ000114_21.0216.C12.p2.gs | zf-c3hc4(HMM:1.7e-12) |
| 19820 | OJ000116_39.0419.C9.p2.gs | zf-c3hc4(HMM:0.01) |
| 19821 | OJ000118_02.0222.C9.p2.gs | zf-c3hc4(HMM:9.3e-14) |
| 19822 | OJ000118_18.0322.C5.p1.gs | zf-c3hc4(HMM:0.0023) |
| 19823 | OJ000118_20.0222.C19.p2.gs | zf-c3hc4(HMM:0.013) |
| 19824 | OJ000121_08.0306.C7.p1.gs | zf-c3hc4(HMM:0.00078) |
| 19825 | OJ000122_55.0307.C17.p2.gs | zf-c3hc4(HMM:1.2e-10) |
| 19826 | OJ000150_20.0124.C6.p1.gs | zf-c3hc4(HMM:0.0024) |
| 19827 | OJ000150_20.0124.C8.p3.gs | zf-c3hc4(HMM:7.1e-11) |
| 19828 | OJ000150_20.0124.C9.p1.gs | zf-c3hc4(HMM:1e-06) |
| 19829 | OJ000150_32.0124.C25.p1.gs | zf-c3hc4(HMM:9.3e-06) |
| 19830 | OJ000203_06.0316.C4.p2.gs | zf-c3hc4(HMM:1.4e-13) |
| 19831 | OJ000204_17.0323.C8.p5.gs | zf-c3hc4(HMM:1.3e-10) |
| 19832 | OJ000208_08.0321.C6.p2.gs | zf-c3hc4(HMM:7.6e-13) |
| 19833 | OJ000209_03.0309.C17.p3.gs | zf-c3hc4(HMM:2.3e-10) |
| 19834 | OJ000209_13.0316.C10.p1.gs | zf-c3hc4(HMM:0.0007) |
| 19835 | OJ000210_01.0419.C58.p1.gs | zf-c3hc4(HMM:5.8e-06) |
| 19836 | OJ000210_20.0419.C36.p1.gs | zf-c3hc4(HMM:9.7e-13) |
| 19837 | OJ000211_07.0316.C6.p1.gs | zf-c3hc4(HMM:0.05) |
| 19838 | OJ000211_08.0323.C11.p1.gs | zf-c3hc4(HMM:1.1e-12) |
| 19839 | OJ000211_08.0323.C11.p3.gs | zf-c3hc4(HMM:6.8e-13) |
| 19840 | OJ000211_08.0323.C11.p4.gs | zf-c3hc4(HMM:2.1e-08) |
| 19841 | OJ000211_08.0323.C11.p5.gs | zf-c3hc4(HMM:8.5e-08) |
| 19842 | OJ000211_08.0323.C12.p1.gs | zf-c3hc4(HMM:3.1e-11) |
| 19843 | OJ000214_02.0321.C14.p2.gs | zf-c3hc4(HMM:7.6e-14) |
| 19844 | OJ000216_09.0330.C2.p3.gs | zf-c3hc4(HMM:0.00094) |
| 19845 | OJ000217_09.0320.C7.p3.gs | zf-c3hc4(HMM:1.5e-09) |
| 19846 | OJ000217_09.0320.C8.p2.gs | zf-c3hc4(HMM:3.6e-10) |
| 19847 | OJ000222_01.0327.C14.p3.gs | zf-c3hc4(HMM:4.9e-09) |
| 19848 | OJ000222_02.0327.C7.p7.gs | zf-c3hc4(HMM:4.1e-05) |
| 19849 | OJ000222_12.0404.C9.p7.gs | zf-c3hc4(HMM:1.9e-07) |
| 19850 | OJ000223_15.0419.C15.p2.gs | zf-c3hc4(HMM:4.2e-11) |
| 19851 | OJ000229_10.0419.C21.p1.gs | zf-c3hc4(HMM:8e-11) |
| 19852 | OJ000229_14.0327.C18.p1.gs | zf-c3hc4(HMM:6.3e-14) |
| 19853 | OJ000229_16.0327.C38.p2.gs | zf-c3hc4(HMM:1.2e-12) |
| 19854 | OJ000229_24.0419.C22.p1.gs | zf-c3hc4(HMM:0.0019) |
| 19855 | OJ000250_01.0308.C9.p3.gs | zf-c3hc4(HMM:7.5e-11) |
| 19856 | OJ000250_01.0414.C2.p7.gs | zf-c3hc4(HMM:7.5e-11) |
| 19857 | OJ000250_85.0214.C6.p2.gs | zf-c3hc4(HMM:2.1) |
| 19858 | OJ000251_15.0321.C14.p1.gs | zf-c3hc4(HMM:0.00097) |
| 19859 | OJ000251_17.0307.C61.p2.gs | zf-c3hc4(HMM:1.2e-10) |
| 19860 | OJ000251_17.0331.C59.p2.gs | zf-c3hc4(HMM:1.2e-10) |
| 19861 | OJ000251_22.0403.C7.p2.gs | zf-c3hc4(HMM:0.00094) |
| 19862 | OJ000251_47.0320.C2.p7.gs | zf-c3hc4(HMM:3.1e-10) |
| 19863 | OJ000301_03.0404.C10.p1.gs | zf-c3hc4(HMM:1.5e-12) |
| 19864 | OJ000301_18.0330.C11.p2.gs | zf-c3hc4(HMM:8.8e-07) |
| 19865 | OJ000301_25.0410.C12.p3.gs | zf-c3hc4(HMM:0.23) |
| 19866 | OJ000302_01.0405.C23.p1.gs | zf-c3hc4(HMM:8.7e-13) |
| 19867 | OJ000302_26.0419.C42.p1.gs | zf-c3hc4(HMM:0.016) |
| 19868 | OJ000302_28.0419.C26.p2.gs | zf-c3hc4(HMM:0.016) |
| 19869 | OJ000303_05.0410.C12.p1.gs | zf-c3hc4(HMM:4.2e-12) |

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| 19870 | OJ000306_01.0407.C13.p1.gs | zf-c3hc4(HMM:9.9e-08) |
| 19871 | OJ000306_15.0406.C5.p1.gs | zf-c3hc4(HMM:1.6e-09) |
| 19872 | OJ000307_28.0417.C7.p4.gs | zf-c3hc4(HMM:0.0021) |
| 19873 | OJ000308_05.0406.C9.p2.gs | zf-c3hc4(HMM:2.1e-12) |
| 19874 | OJ000308_05.0406.C9.p7.gs | zf-c3hc4(HMM:8.7e-13) |
| 19875 | OJ000310_10.0419.C8.p2.gs | zf-c3hc4(HMM:1.3e-07) |
| 19876 | OJ000310_32.0419.C6.p2.gs | zf-c3hc4(HMM:3.4e-14) |
| 19877 | OJ000310_39.0424.C155.p1.gs | zf-c3hc4(HMM:2.3e-08) |
| 19878 | OJ000310_40.0424.C6.p2.gs | zf-c3hc4(HMM:2.3e-08) |
| 19879 | OJ000313_32.0419.C8.p2.gs | zf-c3hc4(HMM:1.6e-08) |
| 19880 | OJ000314_08.0414.C7.p1.gs | zf-c3hc4(HMM:1.1e-10) |
| 19881 | OJ000314_12.0418.C1.p2.gs | zf-c3hc4(HMM:3.2e-11) |
| 19882 | OJ000320_05.0417.C10.p2.gs | zf-c3hc4(HMM:0.016) |
| 19883 | OJ000320_18.0424.C2.p3.gs | zf-c3hc4(HMM:1.2e-11) |
| 19884 | OJ000320_25.0419.C14.p1.gs | zf-c3hc4(HMM:4e-09) |
| 19885 | OJ000321_15.0419.C54.p1.gs | zf-c3hc4(HMM:0.08) |
| 19886 | OJ000321_31.0411.C6.p1.gs | zf-c3hc4(HMM:3.1e-10) |
| 19887 | OJ000321_38.0419.C7.p2.gs | zf-c3hc4(HMM:1.9e-11) |
| 19888 | OJ000321_38.0419.C7.p3.gs | zf-c3hc4(HMM:3.3e-10) |
| 19889 | OJ000322_06.0424.C26.p2.gs | zf-c3hc4(HMM:2.6e-12) |
| 19890 | OJ000322_12.0424.C39.p1.gs | zf-c3hc4(HMM:6.5e-09) |
| 19891 | OJ000323_12.0419.C23.p2.gs | zf-c3hc4(HMM:0.0014) |
| 19892 | OJ000323_21.0419.C11.p1.gs | zf-c3hc4(HMM:2e-12) |
| 19893 | OJ000324_06.0420.C14.p1.gs | zf-c3hc4(HMM:6.5e-09) |
| 19894 | OJ000324_16.0420.C27.p1.gs | zf-c3hc4(HMM:1.5e-10) |
| 19895 | OJ000324_22.0424.C42.p1.gs | zf-c3hc4(HMM:0.0017) |
| 19896 | OJ000324_26.0412.C18.p2.gs | zf-c3hc4(HMM:1.7e-10) |
| 19897 | OJ000324_26.0420.C5.p2.gs | zf-c3hc4(HMM:1.7e-10) |
| 19898 | OJ000327_13.0419.C18.p1.gs | zf-c3hc4(HMM:9.3e-14) |
| 19899 | OJ000327_14.0420.C13.p2.gs | zf-c3hc4(HMM:1.4e-13) |
| 19900 | OJ000327_27.0417.C4.p2.gs | zf-c3hc4(HMM:4.2e-11) |
| 19901 | OJ000327_37.0419.C11.p2.gs | zf-c3hc4(HMM:1e-11) |
| 19902 | OJ000330_31.0424.C48.p1.gs | zf-c3hc4(HMM:0.074) |
| 19903 | OJ000330_32.0419.C16.p1.gs | zf-c3hc4(HMM:1.2e-11) |
| 19904 | OJ000330_37.0420.C11.p1.gs | zf-c3hc4(HMM:0.00049) |
| 19905 | OJ000331_19.0424.C14.p2.gs | zf-c3hc4(HMM:0.004) |
| 19906 | OJ000331_23.0421.C30.p1.gs | zf-c3hc4(HMM:2.1e-13) |
| 19907 | OJ000350_02.0314.C18.p2.gs | zf-c3hc4(HMM:0.092) |
| 19908 | OJ000350_15.0322.C12.p6.gs | zf-c3hc4(HMM:3.2e-11) |
| 19909 | OJ000350_31.0315.C6.p2.gs | zf-c3hc4(HMM:0.01) |
| 19910 | OJ000350_55.0419.C23.p1.gs | zf-c3hc4(HMM:1.4e-13) |
| 19911 | OJ000350_64.0403.C14.p6.gs | zf-c3hc4(HMM:1.3e-08) |
| 19912 | OJ000350_66.0407.C37.p3.gs | zf-c3hc4(HMM:3.2e-11) |
| 19913 | OJ000350_68.0327.C19.p1.gs | zf-c3hc4(HMM:1.7e-10) |
| 19914 | OJ000404_05.0424.C7.p2.gs | zf-c3hc4(HMM:2.2e-08) |
| 19915 | OJ000405_19.0424.C28.p2.gs | zf-c3hc4(HMM:0.48) |
| 19916 | OJ000450_21.0411.C3.p3.gs | zf-c3hc4(HMM:2.1e-10) |
| 19917 | OJ000450_21.0420.C3.p3.gs | zf-c3hc4(HMM:2.1e-10) |
| 19918 | OJ990203_03.9819.C9.p4.gs | zf-c3hc4(HMM:0.00047) |
| 19919 | OJ990303_10.0420.C19.p1.gs | zf-c3hc4(HMM:1.1e-12) |
| 19920 | OJ990303_10.0420.C24.p1.gs | zf-c3hc4(HMM:0.0013) |
| 19921 | OJ990303_10.9819.C16.p1.gs | zf-c3hc4(HMM:3.6e-12) |
| 19922 | OJ990303_10.9819.C26.p1.gs | zf-c3hc4(HMM:6.9e-12) |
| 19923 | OJ990305_03.9819.C55.p1.gs | zf-c3hc4(HMM:2.3e-11) |

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| 19924 | OJ990305_04.9819.C46.p1.gs | zf-c3hc4(HMM:6.2e-09) |
| 19925 | OJ990310_04.9819.C21.p2.gs | zf-c3hc4(HMM:1.5e-09) |
| 19926 | OJ990310_09.9819.C13.p2.gs | zf-c3hc4(HMM:2.1e-09) |
| 19927 | OJ990311_09.9819.C15.p1.gs | zf-c3hc4(HMM:8.9e-06) |
| 19928 | OJ990311_09.9819.C15.p7.gs | zf-c3hc4(HMM:1.6e-06) |
| 19929 | OJ990311_09.9819.C9.p4.gs | zf-c3hc4(HMM:0.044) |
| 19930 | OJ990311_15.9819.C8.p7.gs | zf-c3hc4(HMM:2.4e-08) |
| 19931 | OJ990312_15.0419.C25.p1.gs | zf-c3hc4(HMM:0.055) |
| 19932 | OJ990323_21.9819.C6.p4.gs | zf-c3hc4(HMM:2.2e-08) |
| 19933 | OJ990323_30.9C03.C2.p2.gs | zf-c3hc4(HMM:2.1e-10) |
| 19934 | OJ990324_05.9C23.C24.p1.gs | zf-c3hc4(HMM:1.3e-09) |
| 19935 | OJ990326_01.9C01.C25.p1.gs | zf-c3hc4(HMM:2.6e-12) |
| 19936 | OJ990326_01.9C01.C26.p1.gs | zf-c3hc4(HMM:1.9e-07) |
| 19937 | OJ990326_01.9C01.C28.p2.gs | zf-c3hc4(HMM:3.2e-12) |
| 19938 | OJ990330_19.9819.C30.p2.gs | zf-c3hc4(HMM:6.8e-12) |
| 19939 | OJ990331_05.9923.C13.p4.gs | zf-c3hc4(HMM:3.5) |
| 19940 | OJ990402_31.9C10.C16.p3.gs | zf-c3hc4(HMM:2.8e-11) |
| 19941 | OJ990415_09.9819.C2.p1.gs | zf-c3hc4(HMM:4.4e-12) |
| 19942 | OJ990416_08.0419.C36.p1.gs | zf-c3hc4(HMM:9.7e-13) |
| 19943 | OJ990419_05.9B05.C24.p3.gs | zf-c3hc4(HMM:8.7e-13) |
| 19944 | OJ990419_05.9B05.C27.p3.gs | zf-c3hc4(HMM:2.1e-12) |
| 19945 | OJ990419_08.9923.C28.p3.gs | zf-c3hc4(HMM:2.9e-12) |
| 19946 | OJ990422_20.9819.C6.p3.gs | zf-c3hc4(HMM:9.9e-08) |
| 19947 | OJ990423_11.9924.C5.p2.gs | zf-c3hc4(HMM:0.092) |
| 19948 | OJ990427_01.9A14.C15.p4.gs | zf-c3hc4(HMM:7.1e-11) |
| 19949 | OJ990427_01.9A14.C18.p1.gs | zf-c3hc4(HMM:0.0024) |
| 19950 | OJ990428_02.9A29.C30.p1.gs | zf-c3hc4(HMM:0.00041) |
| 19951 | OJ990428_22.9924.C5.p3.gs | zf-c3hc4(HMM:2.2e-08) |
| 19952 | OJ990430_06.9C03.C55.p1.gs | zf-c3hc4(HMM:2.1e-12) |
| 19953 | OJ990502_28.9A15.C7.p3.gs | zf-c3hc4(HMM:2.3e-09) |
| 19954 | OJ990504_06.9C17.C2.p2.gs | zf-c3hc4(HMM:8e-06) |
| 19955 | OJ990505_09.9B19.C38.p1.gs | zf-c3hc4(HMM:1.6e-09) |
| 19956 | OJ990517_13.9A08.C44.p5.gs | zf-c3hc4(HMM:1.3e-12) |
| 19957 | OJ990519_21.9A20.C8.p3.gs | zf-c3hc4(HMM:1.6e-10) |
| 19958 | OJ990520_09.9922.C24.p1.gs | zf-c3hc4(HMM:2.6e-05) |
| 19959 | OJ990520_11.9B12.C11.p1.gs | zf-c3hc4(HMM:1.3e-09) |
| 19960 | OJ990525_02.9921.C50.p1.gs | zf-c3hc4(HMM:0.092) |
| 19961 | OJ990527_04.9C17.C15.p1.gs | zf-c3hc4(HMM:0.0079) |
| 19962 | OJ990527_04.9C17.C26.p1.gs | zf-c3hc4(HMM:0.00037) |
| 19963 | OJ990527_04.9C17.C27.p1.gs | zf-c3hc4(HMM:0.0061) |
| 19964 | OJ990527_04.9C17.C35.p2.gs | zf-c3hc4(HMM:0.0011) |
| 19965 | OJ990527_04.9C17.C39.p2.gs | zf-c3hc4(HMM:1.3e-11) |
| 19966 | OJ990528_06.9C03.C28.p1.gs | zf-c3hc4(HMM:7.6e-14) |
| 19967 | OJ990531_45.9922.C5.p4.gs | zf-c3hc4(HMM:1.6e-09) |
| 19968 | OJ990601_07.9B12.C36.p1.gs | zf-c3hc4(HMM:3.1e-06) |
| 19969 | OJ990601_08.9A22.C6.p1.gs | zf-c3hc4(HMM:0.0022) |
| 19970 | OJ990604_10.9A29.C11.p4.gs | zf-c3hc4(HMM:9.3e-14) |
| 19971 | OJ990617_06.9A27.C86.p1.gs | zf-c3hc4(HMM:5.5e-12) |
| 19972 | OJ990617_12.0420.C20.p1.gs | zf-c3hc4(HMM:5.5e-12) |
| 19973 | OJ990617_12.9921.C57.p1.gs | zf-c3hc4(HMM:5.5e-12) |
| 19974 | OJ990618_12.9921.C47.p1.gs | zf-c3hc4(HMM:0.088) |
| 19975 | OJ990620_39.9919.C1.p2.gs | zf-c3hc4(HMM:7e-10) |
| 19976 | OJ990620_39.9919.C8.p2.gs | zf-c3hc4(HMM:3.9e-11) |
| 19977 | OJ990626_31.9A14.C6.p1.gs | zf-c3hc4(HMM:3.3e-11) |

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| 20032 | OJ991102_06.0120.C5.p2.gs | zf-c3hc4(HMM:6.3e-11) |
| 20033 | OJ991103_16.0308.C14.p1.gs | zf-c3hc4(HMM:8.6e-07) |
| 20034 | OJ991106_41.0419.C18.p3.gs | zf-c3hc4(HMM:6.3e-11) |
| 20035 | OJ991106_42.0103.C7.p3.gs | zf-c3hc4(HMM:1.7e-10) |
| 20036 | OJ991109_09.0421.C7.p1.gs | zf-c3hc4(HMM:9.8e-11) |
| 20037 | OJ991109_09.9C22.C4.p1.gs | zf-c3hc4(HMM:9.8e-11) |
| 20038 | OJ991110_09.0222.C20.p2.gs | zf-c3hc4(HMM:9.8e-11) |
| 20039 | OJ991111_07.0330.C4.p1.gs | zf-c3hc4(HMM:1.4e-11) |
| 20040 | OJ991111_07.0330.C5.p2.gs | zf-c3hc4(HMM:2.6e-12) |
| 20041 | OJ991111_07.0330.C5.p7.gs | zf-c3hc4(HMM:1.4e-10) |
| 20042 | OJ991111_08.0307.C4.p2.gs | zf-c3hc4(HMM:3.7e-12) |
| 20043 | OJ991112_02.0405.C32.p3.gs | zf-c3hc4(HMM:0.077) |
| 20044 | OJ991112_02.0420.C30.p3.gs | zf-c3hc4(HMM:0.077) |
| 20045 | OJ991113_30.9C10.C4.p1.gs | zf-c3hc4(HMM:3.8e-06) |
| 20046 | OJ991113_30.9C10.C5.p2.gs | zf-c3hc4(HMM:9.1e-06) |
| 20047 | OJ991113_34.9C27.C6.p1.gs | zf-c3hc4(HMM:0.021) |
| 20048 | OJ991116_07.0128.C7.p2.gs | zf-c3hc4(HMM:0.0024) |
| 20049 | OJ991117_12.0421.C5.p3.gs | zf-c3hc4(HMM:0.0017) |
| 20050 | OJ991119_17.0126.C10.p3.gs | zf-c3hc4(HMM:3.4e-14) |
| 20051 | OJ991121_47.9C30.C10.p2.gs | zf-c3hc4(HMM:0.0008) |
| 20052 | OJ991122_03.0421.C7.p8.gs | zf-c3hc4(HMM:6.3e-14) |
| 20053 | OJ991122_03.9C23.C7.p8.gs | zf-c3hc4(HMM:6.3e-14) |
| 20054 | OJ991201_19.0222.C9.p2.gs | zf-c3hc4(HMM:8.4e-08) |
| 20055 | OJ991202_09.0421.C15.p1.gs | zf-c3hc4(HMM:0.0027) |
| 20056 | OJ991202_09.9C27.C15.p1.gs | zf-c3hc4(HMM:0.0027) |
| 20057 | OJ991202_19.0114.C8.p6.gs | zf-c3hc4(HMM:9.3e-11) |
| 20058 | OJ991202_19.0421.C7.p6.gs | zf-c3hc4(HMM:9.3e-11) |
| 20059 | OJ991208_01.0110.C10.p10.gs | zf-c3hc4(HMM:6.3e-11) |
| 20060 | OJ991210_13.0110.C4.p6.gs | zf-c3hc4(HMM:2.8e-12) |
| 20061 | OJ991214_04.0114.C12.p1.gs | zf-c3hc4(HMM:6.4e-12) |
| 20062 | OJ991215_02.0224.C10.p4.gs | zf-c3hc4(HMM:3.5) |
| 20063 | OJ991215_14.0211.C18.p1.gs | zf-c3hc4(HMM:1.6e-08) |
| 20064 | OJ991216_02.0218.C24.p3.gs | zf-c3hc4(HMM:0.044) |
| 20065 | OJ991216_03.0419.C13.p1.gs | zf-c3hc4(HMM:2.2e-09) |
| 20066 | OJ991216_07.0301.C18.p2.gs | zf-c3hc4(HMM:1.3e-11) |
| 20067 | OJ991216_07.0301.C2.p3.gs | zf-c3hc4(HMM:0.081) |
| 20068 | OJ991226_32.0308.C3.p1.gs | zf-c3hc4(HMM:7.5e-11) |
| 20069 | OJ991226_49.0317.C8.p2.gs | zf-c3hc4(HMM:8.8e-07) |
| 20070 | OJ000250_27.0208.C9.p1.gs | zf-c3hc4(HMM:2e-07),zz(HMM:1.2e-11) |
| 20071 | OJ000250_27.0303.C5.p1.gs | zf-c3hc4(HMM:2e-07),zz(HMM:1.2e-11) |
| 20072 | OJ991201_06.0103.C10.p1.gs | zf-c3hc4(HMM:2e-07),zz(HMM:1.2e-11) |
| 20073 | OJ000107_02.0301.C11.p1.gs | zf-ccch(HMM:0.0036) |
| 20074 | OJ000107_02.0426.C11.p1.gs | zf-ccch(HMM:0.0036) |
| 20075 | OJ000209_16.0418.C9.p2.gs | zf-ccch(HMM:0.0068) |
| 20076 | OJ000223_02.0405.C6.p6.gs | zf-ccch(HMM:8.5e-14) |
| 20077 | OJ000223_16.0320.C5.p1.gs | zf-ccch(HMM:0.086) |
| 20078 | OJ000229_23.0323.C18.p3.gs | zf-ccch(HMM:0.089) |
| 20079 | OJ000251_08.0218.C30.p1.gs | zf-ccch(HMM:0.0028) |
| 20080 | OJ000251_47.0320.C2.p4.gs | zf-ccch(HMM:7.6e-09) |
| 20081 | OJ000251_48.0228.C51.p5.gs | zf-ccch(HMM:5.3e-22) |
| 20082 | OJ000303_26.0411.C16.p2.gs | zf-ccch(HMM:7.9e-22) |

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| 20083 | OJ000314_04.0414.C7.p1.gs | zf-ccch(HMM:0.011) |
| 20084 | OJ000315_11.0419.C11.p3.gs | zf-ccch(HMM:1.2e-15) |
| 20085 | OJ000315_11.0419.C13.p1.gs | zf-ccch(HMM:0.031) |
| 20086 | OJ000315_21.0405.C2.p3.gs | zf-ccch(HMM:0.017) |
| 20087 | OJ000315_21.0420.C2.p3.gs | zf-ccch(HMM:0.017) |
| 20088 | OJ000316_09.0419.C22.p1.gs | zf-ccch(HMM:0.065) |
| 20089 | OJ000316_19.0419.C13.p1.gs | zf-ccch(HMM:0.25) |
| 20090 | OJ000324_27.0420.C1.p1.gs | zf-ccch(HMM:0.0029) |
| 20091 | OJ000324_30.0413.C8.p1.gs | zf-ccch(HMM:4.2e-14) |
| 20092 | OJ000324_30.0420.C21.p1.gs | zf-ccch(HMM:4.2e-14) |
| 20093 | OJ000327_09.0424.C31.p1.gs | zf-ccch(HMM:0.019) |
| 20094 | OJ000331_01.0419.C17.p2.gs | zf-ccch(HMM:0.011) |
| 20095 | OJ000450_13.0410.C4.p14.gs | zf-ccch(HMM:1.4e-16) |
| 20096 | OJ990203_08.9819.C9.p3.gs | zf-ccch(HMM:0.011) |
| 20097 | OJ990312_14.9819.C4.p2.gs | zf-ccch(HMM:2.1e-23) |
| 20098 | OJ990318_06.0228.C53.p2.gs | zf-ccch(HMM:5.3e-22) |
| 20099 | OJ990527_23.9C10.C3.p5.gs | zf-ccch(HMM:0.089) |
| 20100 | OJ990612_47.9927.C8.p1.gs | zf-ccch(HMM:5.5e-11) |
| 20101 | OJ990715_11.0419.C22.p3.gs | zf-ccch(HMM:0.054) |
| 20102 | OJ990802_12.0218.C7.p7.gs | zf-ccch(HMM:0.0073) |
| 20103 | OJ990825_16.0303.C4.p4.gs | zf-ccch(HMM:2.1e-23) |
| 20104 | OJ991007_03.0421.C6.p1.gs | zf-ccch(HMM:4.9e-06) |
| 20105 | OJ991007_03.9C27.C6.p1.gs | zf-ccch(HMM:4.9e-06) |
| 20106 | OJ991012_10.0127.C24.p1.gs | zf-ccch(HMM:1.4e-16) |
| 20107 | OJ991027_16.0118.C9.p2.gs | zf-ccch(HMM:0.0029) |
| 20108 | OJ991027_18.0118.C1.p1.gs | zf-ccch(HMM:0.1) |
| 20109 | OJ991116_12.0107.C14.p1.gs | zf-ccch(HMM:9.2e-09) |
| 20110 | OJ991121_44.0419.C40.p1.gs | zf-ccch(HMM:0.089) |
| 20111 | OJ991201_09.0421.C10.p3.gs | zf-ccch(HMM:0.0073) |
| 20112 | OJ991201_09.9C23.C11.p3.gs | zf-ccch(HMM:0.0073) |
| 20113 | OJ991208_06.0107.C1.p1.gs | zf-ccch(HMM:2.1e-23) |
| 20114 | OJ991209_05.0118.C8.p3.gs | zf-ccch(HMM:0.054) |
| 20115 | OJ991216_10.0211.C10.p2.gs | zf-ccch(HMM:4.2e-14) |
| 20116 | OJ000150_15.0124.C30.p1.gs | zf-constans(HMM:1.7e-15) |
| 20117 | OJ000310_08.0419.C34.p1.gs | zf-constans(HMM:0.004) |
| 20118 | OJ990317_09.0421.C16.p1.gs | zf-constans(HMM:2e-28) |
| 20119 | OJ990317_09.9C20.C16.p1.gs | zf-constans(HMM:2e-28) |
| 20120 | OJ990517_13.9A08.C40.p1.gs | zf-constans(HMM:1.4e-28) |
| 20121 | OJ990528_29.9C10.C2.p3.gs | zf-constans(HMM:3e-39) |
| 20122 | OJ990627_42.9B05.C9.p5.gs | zf-constans(HMM:1.4e-28) |
| 20123 | OJ990701_09.9A01.C13.p2.gs | zf-constans(HMM:4.5e-07) |
| 20124 | OJ990728_09.9B18.C2.p8.gs | zf-constans(HMM:1.4e-28) |
| 20125 | OJ991108_19.0419.C61.p1.gs | zf-constans(HMM:7.7e-15) |
| 20126 | OJ991201_08.9C23.C3.p1.gs | zf-constans(HMM:7.5e-25) |
| 20127 | OJ000103_03.0204.C2.p7.gs | zf-mynd(HMM:0.012) |
| 20128 | OJ000103_03.0426.C2.p7.gs | zf-mynd(HMM:0.012) |
| 20129 | OJ000250_70.0214.C7.p2.gs | zf-mynd(HMM:0.012) |
| 20130 | OJ000250_70.0303.C3.p2.gs | zf-mynd(HMM:0.012) |
| 20131 | OJ000316_03.0410.C5.p2.gs | zf-mynd(HMM:2.9e-07) |
| 20132 | OJ000320_32.0419.C2.p1.gs | zf-mynd(HMM:0.012) |
| 20133 | OJ000330_39.0420.C5.p3.gs | zf-mynd(HMM:3e-11) |
| 20134 | OJ990514_12.0103.C8.p1.gs | zf-mynd(HMM:1.7e-09) |
| 20135 | OJ990517_12.9A29.C9.p2.gs | zf-mynd(HMM:0.012) |
| 20136 | OJ990619_46.0103.C7.p2.gs | zf-mynd(HMM:0.012) |

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| 20137 | OJ990809_11.9C01.C9.p1.gs | zf-mynd(HMM:1.4e-10) |
| 20138 | OJ991011_13.0103.C4.p3.gs | zf-mynd(HMM:7.7e-12) |
| 20139 | OJ991028_10.0118.C2.p2.gs | zf-mynd(HMM:0.012) |
| 20140 | OJ991112_13.0110.C9.p1.gs | zf-mynd(HMM:3e-11) |
| 20141 | OJ991119_18.9C21.C29.p1.gs | zf-mynd(HMM:0.012) |
| 20142 | OJ991215_03.0128.C9.p3.gs | zf-mynd(HMM:7.7e-12) |
| 20143 | OJ000310_37.0419.C11.p1.gs | zz(HMM:0.0027) |
| 20144 | OJ000315_07.0420.C38.p1.gs | zz(HMM:4.6e-09) |
| 20145 | OJ000321_16.0419.C14.p2.gs | zz(HMM:2.3e-12) |
| 20146 | OJ990330_12.9922.C16.p2.gs | zz(HMM:0.067) |
| 20147 | OJ990616_02.9C23.C8.p1.gs | zz(HMM:1.4e-05) |
| 20148 | OJ990818_13.0217.C19.p1.gs | zz(HMM:0.0027) |
| 20149 | OJ990818_13.0317.C7.p1.gs | zz(HMM:0.0027) |
| 20150 | OJ990830_07.9A25.C32.p1.gs | zz(HMM:0.067) |
| 20151 | OJ991019_16.0118.C21.p1.gs | zz(HMM:5.6e-09) |
| 20152 | OJ991019_19.0306.C2.p2.gs | zz(HMM:5.6e-09) |
| 20153 | OJ991101_05.0202.C1.p3.gs | zz(HMM:0.024) |
| 20154 | OJ991101_05.0202.C12.p2.gs | zz(HMM:0.067) |
| 20155 | OJ991107_39.9C17.C12.p2.gs | zz(HMM:4.6e-09) |
| 20156 | OJ991201_16.0421.C8.p10.gs | zz(HMM:0.067) |
| 20157 | OJ991201_16.0421.C8.p4.gs | zz(HMM:0.024) |
| 20158 | OJ991201_16.9C28.C14.p10.gs | zz(HMM:0.067) |
| 20159 | OJ991201_16.9C28.C14.p4.gs | zz(HMM:0.024) |

Table 12. Nucleic acid sequences encoding transcription factors from rice

| SEQ NUM | SEQ ID | Family/Method/E-value |
|---------|----------------------------|-----------------------|
| 20160 | OJ000110_02.0330.C79.p1.np | 14-3-3(HMM:2.9e-13) |
| 20161 | OJ000110_02.0330.C80.p1.np | 14-3-3(HMM:1.1e-08) |
| 20162 | OJ000110_02.0426.C79.p1.np | 14-3-3(HMM:2.9e-13) |
| 20163 | OJ000110_02.0426.C80.p1.np | 14-3-3(HMM:1.1e-08) |
| 20164 | OJ000112_18.0224.C2.p4.np | 14-3-3(HMM:2.4e-177) |
| 20165 | OJ000112_18.0426.C2.p4.np | 14-3-3(HMM:2.4e-177) |
| 20166 | OJ000113_01.0331.C3.p3.np | 14-3-3(HMM:3.4e-17) |
| 20167 | OJ000113_01.0426.C3.p3.np | 14-3-3(HMM:3.4e-17) |
| 20168 | OJ000250_48.0211.C7.p2.np | 14-3-3(HMM:1.7e-181) |
| 20169 | OJ990412_09.9923.C13.p1.np | 14-3-3(HMM:2.7e-180) |
| 20170 | OJ990429_03.9B02.C44.p1.np | 14-3-3(HMM:1.8e-32) |
| 20171 | OJ990429_08.9C23.C17.p5.np | 14-3-3(HMM:1.1e-09) |
| 20172 | OJ990518_02.9B16.C45.p1.np | 14-3-3(HMM:4.8e-32) |
| 20173 | OJ990518_02.9B16.C47.p1.np | 14-3-3(HMM:1.2e-06) |
| 20174 | OJ990518_02.9B16.C48.p1.np | 14-3-3(HMM:3.5e-12) |
| 20175 | OJ990615_05.9C14.C20.p2.np | 14-3-3(HMM:3.2e-46) |
| 20176 | OJ990615_05.9C14.C21.p1.np | 14-3-3(HMM:2.2e-35) |
| 20177 | OJ990615_06.9926.C26.p1.np | 14-3-3(HMM:9.9e-85) |
| 20178 | OJ990709_02.0207.C11.p3.np | 14-3-3(HMM:2.7e-168) |
| 20179 | OJ990729_13.9A05.C1.p4.np | 14-3-3(HMM:2.4e-177) |
| 20180 | OJ990803_09.9B05.C2.p2.np | 14-3-3(HMM:1.8e-181) |
| 20181 | OJ991108_17.0417.C36.p1.np | 14-3-3(HMM:6.5e-118) |
| 20182 | OJ991108_19.0419.C55.p1.np | 14-3-3(HMM:2.1e-62) |
| 20183 | OJ991108_19.0419.C56.p1.np | 14-3-3(HMM:3.4e-24) |
| 20184 | OJ991118_17.0421.C10.p2.np | 14-3-3(HMM:5.2e-33) |
| 20185 | OJ991118_17.9C22.C10.p2.np | 14-3-3(HMM:5.2e-33) |
| 20186 | OJ991206_14.0215.C3.p1.np | 14-3-3(HMM:5.5e-11) |
| 20187 | OJ000105_16.0204.C22.p1.np | ank(HMM:1.7e-05) |
| 20188 | OJ000105_16.0426.C22.p1.np | ank(HMM:1.7e-05) |
| 20189 | OJ000106_08.0222.C34.p6.np | ank(HMM:3e-22) |
| 20190 | OJ000106_08.0222.C36.p1.np | ank(HMM:5.6e-25) |
| 20191 | OJ000106_08.0222.C37.p1.np | ank(HMM:1.3e-22) |
| 20192 | OJ000106_08.0317.C8.p1.np | ank(HMM:1.1e-17) |
| 20193 | OJ000106_08.0317.C9.p1.np | ank(HMM:5.6e-25) |
| 20194 | OJ000106_08.0426.C8.p1.np | ank(HMM:1.1e-17) |
| 20195 | OJ000106_08.0426.C9.p1.np | ank(HMM:5.6e-25) |
| 20196 | OJ000107_10.0215.C31.p1.np | ank(HMM:1.1e-35) |
| 20197 | OJ000107_10.0215.C6.p2.np | ank(HMM:2.1e-21) |
| 20198 | OJ000107_10.0426.C31.p1.np | ank(HMM:1.1e-35) |
| 20199 | OJ000107_10.0426.C6.p2.np | ank(HMM:2.1e-21) |
| 20200 | OJ000112_15.0214.C8.p2.np | ank(HMM:2.4e-24) |
| 20201 | OJ000112_15.0310.C8.p2.np | ank(HMM:2.4e-24) |
| 20202 | OJ000112_15.0426.C8.p2.np | ank(HMM:2.4e-24) |
| 20203 | OJ000113_12.0223.C40.p1.np | ank(HMM:0.13) |
| 20204 | OJ000113_20.0203.C6.p2.np | ank(HMM:3.3e-17) |
| 20205 | OJ000114_11.0217.C19.p2.np | ank(HMM:6.7e-23) |
| 20206 | OJ000115_33.0331.C16.p1.np | ank(HMM:0.0025) |
| 20207 | OJ000118_13.0419.C15.p3.np | ank(HMM:1.3e-33) |
| 20208 | OJ000118_13.0419.C26.p1.np | ank(HMM:2.4e-27) |
| 20209 | OJ000118_20.0222.C19.p1.np | ank(HMM:9.1e-24) |
| 20210 | OJ000121_08.0306.C18.p1.np | ank(HMM:5.4e-06) |
| 20211 | OJ000121_08.0306.C22.p1.np | ank(HMM:2.6e-39) |

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| 20320 | OJ990630_04.9C01.C12.p3.np | ank(HMM:3.3e-14) |
| 20321 | OJ990703_47.9C16.C4.p3.np | ank(HMM:2e-38) |
| 20322 | OJ990706_01.9921.C47.p1.np | ank(HMM:7.5e-09) |
| 20323 | OJ990706_01.9921.C7.p1.np | ank(HMM:2.6e-05) |
| 20324 | OJ990706_01.9921.C9.p1.np | ank(HMM:2.4e-05) |
| 20325 | OJ990709_12.9A11.C7.p1.np | ank(HMM:4.9e-07) |
| 20326 | OJ990721_03.9C10.C7.p1.np | ank(HMM:1.2e-11) |
| 20327 | OJ990722_13.9C03.C6.p2.np | ank(HMM:1.1e-24) |
| 20328 | OJ990728_03.9C13.C20.p1.np | ank(HMM:2.4e-10) |
| 20329 | OJ990807_31.0419.C5.p1.np | ank(HMM:6.3e-11) |
| 20330 | OJ990807_32.0211.C7.p3.np | ank(HMM:1.5e-49) |
| 20331 | OJ990807_32.0211.C7.p4.np | ank(HMM:5.4e-33) |
| 20332 | OJ990810_05.9B08.C10.p1.np | ank(HMM:1.9e-21) |
| 20333 | OJ990810_05.9B08.C19.p1.np | ank(HMM:3.9e-06) |
| 20334 | OJ990810_05.9B08.C2.p1.np | ank(HMM:9.6e-18) |
| 20335 | OJ990815_36.9B15.C2.p2.np | ank(HMM:1.9e-16) |
| 20336 | OJ990817_07.9A01.C3.p2.np | ank(HMM:1.4e-29) |
| 20337 | OJ990827_09.0103.C18.p1.np | ank(HMM:1.9e-15) |
| 20338 | OJ990913_16.0421.C8.p1.np | ank(HMM:3.9e-14) |
| 20339 | OJ990923_05.9B16.C2.p3.np | ank(HMM:1.1e-18) |
| 20340 | OJ990923_05.9B16.C2.p4.np | ank(HMM:2e-38) |
| 20341 | OJ991001_03.0107.C5.p1.np | ank(HMM:4.6e-11) |
| 20342 | OJ991007_03.0421.C3.p2.np | ank(HMM:8e-18) |
| 20343 | OJ991007_03.0421.C5.p2.np | ank(HMM:1.4e-05) |
| 20344 | OJ991007_03.9C27.C3.p2.np | ank(HMM:8e-18) |
| 20345 | OJ991007_03.9C27.C5.p2.np | ank(HMM:1.4e-05) |
| 20346 | OJ991014_02.0110.C52.p1.np | ank(HMM:2.7e-06) |
| 20347 | OJ991019_09.0211.C10.p3.np | ank(HMM:7.8e-42) |
| 20348 | OJ991020_16.0218.C2.p3.np | ank(HMM:1.6e-32) |
| 20349 | OJ991021_06.0218.C10.p1.np | ank(HMM:8.7e-22) |
| 20350 | OJ991022_08.0308.C34.p1.np | ank(HMM:6.6e-34) |
| 20351 | OJ991022_14.0119.C6.p3.np | ank(HMM:5.6e-33) |
| 20352 | OJ991022_14.0119.C7.p1.np | ank(HMM:4.1e-12) |
| 20353 | OJ991022_14.0119.C9.p3.np | ank(HMM:7.9e-40) |
| 20354 | OJ991026_09.0222.C19.p1.np | ank(HMM:2.1e-06) |
| 20355 | OJ991027_15.0118.C9.p3.np | ank(HMM:1.1e-24) |
| 20356 | OJ991027_15.0303.C7.p3.np | ank(HMM:1.1e-24) |
| 20357 | OJ991027_17.0118.C20.p3.np | ank(HMM:6.1e-09) |
| 20358 | OJ991029_14.0229.C25.p1.np | ank(HMM:4.2e-06) |
| 20359 | OJ991029_14.0229.C25.p2.np | ank(HMM:0.016) |
| 20360 | OJ991101_03.0218.C10.p2.np | ank(HMM:0.017) |
| 20361 | OJ991107_30.0204.C11.p5.np | ank(HMM:1.4e-20) |
| 20362 | OJ991107_39.9C17.C9.p2.np | ank(HMM:6.1e-21) |
| 20363 | OJ991110_01.0218.C16.p1.np | ank(HMM:2.1e-07) |
| 20364 | OJ991110_02.0225.C4.p1.np | ank(HMM:2.7e-20) |
| 20365 | OJ991110_02.0225.C4.p2.np | ank(HMM:1.1e-18) |
| 20366 | OJ991110_06.0330.C4.p1.np | ank(HMM:7.6e-30) |
| 20367 | OJ991110_06.0330.C4.p2.np | ank(HMM:4.2e-13) |
| 20368 | OJ991110_06.0330.C4.p6.np | ank(HMM:4.6e-11) |
| 20369 | OJ991112_18.0419.C1.p1.np | ank(HMM:1.4e-12) |
| 20370 | OJ991112_18.0419.C2.p1.np | ank(HMM:4.7e-11) |
| 20371 | OJ991112_18.0419.C34.p1.np | ank(HMM:8.2) |
| 20372 | OJ991112_18.0419.C43.p1.np | ank(HMM:1.3e-10) |
| 20373 | OJ991112_18.0419.C57.p1.np | ank(HMM:8.8e-08) |

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| 20374 | OJ991117_10.0421.C10.p4.np | ank(HMM:1.8e-26) |
| 20375 | OJ991117_10.9C21.C9.p4.np | ank(HMM:1.8e-26) |
| 20376 | OJ991122_09.0330.C21.p1.np | ank(HMM:8e-18) |
| 20377 | OJ991122_10.0419.C43.p2.np | ank(HMM:2.4e-22) |
| 20378 | OJ991208_04.0128.C3.p1.np | ank(HMM:1.7e-15) |
| 20379 | OJ991209_10.0119.C14.p2.np | ank(HMM:1.4e-41) |
| 20380 | OJ991209_13.0301.C3.p3.np | ank(HMM:2.1e-05) |
| 20381 | OJ991210_01.0110.C4.p5.np | ank(HMM:1e-17) |
| 20382 | OJ991210_06.0110.C7.p1.np | ank(HMM:0.00077) |
| 20383 | OJ991214_16.0111.C6.p1.np | ank(HMM:5.2e-30) |
| 20384 | OJ991217_08.0202.C5.p2.np | ank(HMM:2.6e-19) |
| 20385 | OJ991217_08.0202.C5.p3.np | ank(HMM:8.2e-16) |
| 20386 | OJ991217_20.0218.C15.p1.np | ank(HMM:5.7e-06) |
| 20387 | OJ991225_73.0317.C13.p1.np | ank(HMM:1.8e-24) |
| 20388 | OJ991226_50.0317.C3.p1.np | ank(HMM:8.7e-22) |
| 20389 | OJ000150_05.0124.C10.p2.np | ank(HMM:1.1e-12),btb(HMM:6.8e-15) |
| 20390 | OJ000150_05.0421.C9.p2.np | ank(HMM:1.1e-12),btb(HMM:6.8e-15) |
| 20391 | OJ000303_05.0410.C4.p3.np | ank(HMM:2.5e-12),btb(HMM:0.0029) |
| 20392 | OJ990709_01.9919.C8.p1.np | ank(HMM:2.5e-12),btb(HMM:0.0013) |
| 20393 | OJ990410_27.9922.C7.p5.np | ank(HMM:2e-18),chromo(HMM:4.1e-05) |
| 20394 | OJ000302_08.0410.C6.p1.np | ank(HMM:0.047),sbpb(HMM:0.0055) |
| 20395 | OJ991112_11.0421.C4.p2.np | ank(HMM:3.8e-28),zf-c3hc4(HMM:0.048) |
| 20396 | OJ991112_11.9C22.C4.p2.np | ank(HMM:3.8e-28),zf-c3hc4(HMM:0.048) |
| 20397 | OJ990517_24.9A01.C42.p1.np | ank(HMM:0.0011),zf-ccch(HMM:0.046) |
| 20398 | OJ990630_02.9C01.C11.p2.np | ank(HMM:2.7e-12),zf-ccch(HMM:0.0052) |
| 20399 | OJ990830_12.9C03.C1.p1.np | ank(HMM:8.5e-07),zf-ccch(HMM:0.051) |
| 20400 | OJ991014_01.0111.C15.p3.np | ank(HMM:2.7e-12),zf-ccch(HMM:0.0052) |
| 20401 | OJ000102_54.0426.C89.p1.np | ap2-domain(HMM:1.1e-40) |
| 20402 | OJ000102_76.0222.C9.p5.np | ap2-domain(HMM:1.3e-35) |
| 20403 | OJ000102_76.0426.C9.p6.np | ap2-domain(HMM:1.3e-35) |
| 20404 | OJ000103_02.0124.C6.p1.np | ap2-domain(HMM:7.1e-28) |
| 20405 | OJ000103_02.0426.C6.p1.np | ap2-domain(HMM:7.1e-28) |
| 20406 | OJ000103_04.0303.C9.p2.np | ap2-domain(HMM:1.2e-59) |
| 20407 | OJ000103_04.0426.C9.p2.np | ap2-domain(HMM:1.2e-59) |
| 20408 | OJ000106_03.0216.C2.p1.np | ap2-domain(HMM:1.8e-35) |
| 20409 | OJ000106_03.0426.C2.p1.np | ap2-domain(HMM:1.8e-35) |
| 20410 | OJ000108_54.0419.C20.p1.np | ap2-domain(HMM:1.1e-40) |
| 20411 | OJ000108_54.0426.C20.p1.np | ap2-domain(HMM:1.1e-40) |
| 20412 | OJ000108_58.0228.C8.p1.np | ap2-domain(HMM:3.6e-35) |
| 20413 | OJ000110_18.0301.C3.p2.np | ap2-domain(HMM:1.2) |
| 20414 | OJ000110_18.0426.C3.p2.np | ap2-domain(HMM:1.2) |
| 20415 | OJ000113_04.0302.C14.p1.np | ap2-domain(HMM:6.5e-51) |

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| 20416 | OJ000113_04.0426.C14.p1.np | ap2-domain(HMM:6.5e-51) |
| 20417 | OJ000113_23.0214.C4.p1.np | ap2-domain(HMM:1.7e-28) |
| 20418 | OJ000113_23.0303.C4.p1.np | ap2-domain(HMM:1.7e-28) |
| 20419 | OJ000113_24.0203.C11.p1.np | ap2-domain(HMM:5.3e-38) |
| 20420 | OJ000114_03.0320.C19.p1.np | ap2-domain(HMM:2.2e-38) |
| 20421 | OJ000114_13.0224.C5.p2.np | ap2-domain(HMM:4.8e-36) |
| 20422 | OJ000117_20.0222.C7.p2.np | ap2-domain(HMM:1.9e-27) |
| 20423 | OJ000118_11.0307.C6.p1.np | ap2-domain(HMM:1.5e-64) |
| 20424 | OJ000118_16.0301.C12.p2.np | ap2-domain(HMM:1.1e-38) |
| 20425 | OJ000118_16.0301.C16.p1.np | ap2-domain(HMM:3.4e-68) |
| 20426 | OJ000118_16.0317.C13.p1.np | ap2-domain(HMM:1.1e-38) |
| 20427 | OJ000118_16.0317.C9.p2.np | ap2-domain(HMM:3.4e-68) |
| 20428 | OJ000118_23.0419.C8.p1.np | ap2-domain(HMM:1e-10) |
| 20429 | OJ000204_21.0413.C5.p4.np | ap2-domain(HMM:1.8e-39) |
| 20430 | OJ000204_22.0419.C7.p2.np | ap2-domain(HMM:1.8e-39) |
| 20431 | OJ000204_28.0222.C9.p2.np | ap2-domain(HMM:9.8e-40) |
| 20432 | OJ000207_03.0330.C21.p1.np | ap2-domain(HMM:9.8e-40) |
| 20433 | OJ000207_10.0314.C17.p3.np | ap2-domain(HMM:1.4e-15) |
| 20434 | OJ000207_18.0323.C14.p1.np | ap2-domain(HMM:2.3e-38) |
| 20435 | OJ000207_18.0323.C15.p1.np | ap2-domain(HMM:0.87) |
| 20436 | OJ000207_18.0323.C21.p4.np | ap2-domain(HMM:2.6e-38) |
| 20437 | OJ000208_14.0419.C18.p1.np | ap2-domain(HMM:0.13) |
| 20438 | OJ000208_19.0419.C8.p1.np | ap2-domain(HMM:1.7e-38) |
| 20439 | OJ000208_26.0302.C5.p1.np | ap2-domain(HMM:2e-37) |
| 20440 | OJ000209_01.0301.C13.p1.np | ap2-domain(HMM:1.6e-52) |
| 20441 | OJ000209_02.0314.C47.p1.np | ap2-domain(HMM:1.6e-52) |
| 20442 | OJ000209_05.0228.C3.p3.np | ap2-domain(HMM:2.2e-38) |
| 20443 | OJ000209_07.0323.C2.p1.np | ap2-domain(HMM:7.1e-40) |
| 20444 | OJ000209_10.0317.C9.p1.np | ap2-domain(HMM:2.2e-38) |
| 20445 | OJ000214_08.0419.C35.p1.np | ap2-domain(HMM:2.8e-40) |
| 20446 | OJ000221_17.0407.C6.p1.np | ap2-domain(HMM:0.016) |
| 20447 | OJ000221_22.0309.C18.p2.np | ap2-domain(HMM:1.2) |
| 20448 | OJ000223_12.0316.C1.p1.np | ap2-domain(HMM:1.5e-38) |
| 20449 | OJ000223_19.0403.C3.p1.np | ap2-domain(HMM:6.6e-67) |
| 20450 | OJ000224_06.0317.C22.p1.np | ap2-domain(HMM:4.4e-07) |
| 20451 | OJ000229_21.0410.C9.p2.np | ap2-domain(HMM:9.8e-40) |
| 20452 | OJ000250_03.0420.C33.p1.np | ap2-domain(HMM:0.0023) |
| 20453 | OJ000250_25.0225.C5.p3.np | ap2-domain(HMM:7.9e-44) |
| 20454 | OJ000250_46.0211.C6.p3.np | ap2-domain(HMM:9.2e-42) |
| 20455 | OJ000250_46.0211.C8.p1.np | ap2-domain(HMM:1.1e-40) |
| 20456 | OJ000250_46.0303.C2.p5.np | ap2-domain(HMM:9.2e-42) |
| 20457 | OJ000250_46.0303.C3.p1.np | ap2-domain(HMM:1.1e-40) |
| 20458 | OJ000250_63.0419.C52.p2.np | ap2-domain(HMM:0.00026) |
| 20459 | OJ000250_71.0214.C26.p4.np | ap2-domain(HMM:9.7e-38) |
| 20460 | OJ000251_05.0228.C30.p1.np | ap2-domain(HMM:3.6e-35) |
| 20461 | OJ000251_21.0218.C2.p6.np | ap2-domain(HMM:0.00041) |
| 20462 | OJ000251_47.0320.C3.p2.np | ap2-domain(HMM:6.5e-36) |
| 20463 | OJ000251_51.0217.C4.p2.np | ap2-domain(HMM:1.1e-40) |
| 20464 | OJ000251_51.0217.C7.p1.np | ap2-domain(HMM:9.2e-42) |
| 20465 | OJ000301_05.0404.C11.p2.np | ap2-domain(HMM:3.6e-35) |
| 20466 | OJ000301_18.0330.C10.p1.np | ap2-domain(HMM:2.9e-21) |
| 20467 | OJ000306_03.0419.C30.p2.np | ap2-domain(HMM:1.4e-15) |
| 20468 | OJ000306_13.0410.C2.p1.np | ap2-domain(HMM:3.6e-35) |
| 20469 | OJ000306_13.0420.C7.p1.np | ap2-domain(HMM:3.6e-35) |

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| 20470 | OJ000307_07.0330.C2.p2.np | ap2-domain(HMM:2.6e-32) |
| 20471 | OJ000308_06.0328.C6.p1.np | ap2-domain(HMM:2.6e-32) |
| 20472 | OJ000310_09.0419.C18.p1.np | ap2-domain(HMM:3.8e-24) |
| 20473 | OJ000310_12.0419.C31.p1.np | ap2-domain(HMM:1.1e-43) |
| 20474 | OJ000313_05.0419.C56.p1.np | ap2-domain(HMM:0.01) |
| 20475 | OJ000313_05.0419.C57.p1.np | ap2-domain(HMM:5.2e-24) |
| 20476 | OJ000313_06.0419.C5.p1.np | ap2-domain(HMM:0.017) |
| 20477 | OJ000313_26.0407.C2.p1.np | ap2-domain(HMM:8.2e-60) |
| 20478 | OJ000313_26.0420.C8.p1.np | ap2-domain(HMM:8.2e-60) |
| 20479 | OJ000314_13.0417.C16.p3.np | ap2-domain(HMM:1.1e-39) |
| 20480 | OJ000314_33.0419.C13.p1.np | ap2-domain(HMM:1.3e-22) |
| 20481 | OJ000315_12.0412.C3.p3.np | ap2-domain(HMM:1.1e-39) |
| 20482 | OJ000315_21.0405.C6.p1.np | ap2-domain(HMM:5.8e-36) |
| 20483 | OJ000315_21.0420.C4.p1.np | ap2-domain(HMM:5.8e-36) |
| 20484 | OJ000315_30.0419.C7.p1.np | ap2-domain(HMM:6.7e-60) |
| 20485 | OJ000315_36.0412.C18.p1.np | ap2-domain(HMM:5.8e-40) |
| 20486 | OJ000316_01.0413.C7.p2.np | ap2-domain(HMM:0.041) |
| 20487 | OJ000316_20.0418.C14.p2.np | ap2-domain(HMM:5.9e-38) |
| 20488 | OJ000316_20.0418.C4.p2.np | ap2-domain(HMM:9.4e-33) |
| 20489 | OJ000316_22.0419.C44.p1.np | ap2-domain(HMM:5.2e-22) |
| 20490 | OJ000320_07.0419.C10.p1.np | ap2-domain(HMM:6.9e-30) |
| 20491 | OJ000320_07.0419.C11.p1.np | ap2-domain(HMM:0.28) |
| 20492 | OJ000320_33.0412.C12.p3.np | ap2-domain(HMM:1.9e-31) |
| 20493 | OJ000321_04.0419.C27.p1.np | ap2-domain(HMM:9.6e-32) |
| 20494 | OJ000321_06.0419.C8.p1.np | ap2-domain(HMM:2.1e-30) |
| 20495 | OJ000321_31.0411.C6.p3.np | ap2-domain(HMM:6.5e-36) |
| 20496 | OJ000321_39.0417.C1.p1.np | ap2-domain(HMM:9.8e-40) |
| 20497 | OJ000323_16.0421.C5.p1.np | ap2-domain(HMM:0.00015) |
| 20498 | OJ000323_38.0418.C7.p2.np | ap2-domain(HMM:3.1e-40) |
| 20499 | OJ000324_28.0420.C11.p1.np | ap2-domain(HMM:0.26) |
| 20500 | OJ000327_04.0419.C7.p1.np | ap2-domain(HMM:1e-33) |
| 20501 | OJ000327_28.0417.C1.p1.np | ap2-domain(HMM:7.3e-29) |
| 20502 | OJ000327_36.0418.C7.p2.np | ap2-domain(HMM:2.3e-32) |
| 20503 | OJ000328_19.0419.C3.p2.np | ap2-domain(HMM:4.7e-42) |
| 20504 | OJ000328_19.0419.C3.p3.np | ap2-domain(HMM:1.5e-45) |
| 20505 | OJ000329_02.0418.C9.p2.np | ap2-domain(HMM:2.3e-32) |
| 20506 | OJ000329_03.0421.C10.p1.np | ap2-domain(HMM:7.4) |
| 20507 | OJ000350_31.0315.C17.p1.np | ap2-domain(HMM:1.4e-32) |
| 20508 | OJ000350_31.0315.C17.p2.np | ap2-domain(HMM:3.2e-33) |
| 20509 | OJ000404_28.0424.C21.p1.np | ap2-domain(HMM:0.00062) |
| 20510 | OJ000404_40.0419.C37.p1.np | ap2-domain(HMM:2.6e-27) |
| 20511 | OJ000450_01.0419.C20.p1.np | ap2-domain(HMM:1.5e-57) |
| 20512 | OJ000450_02.0417.C16.p1.np | ap2-domain(HMM:6.5e-56) |
| 20513 | OJ000450_08.0414.C14.p2.np | ap2-domain(HMM:2.4e-56) |
| 20514 | OJ000450_10.0411.C3.p2.np | ap2-domain(HMM:2.6e-32) |
| 20515 | OJ000450_10.0411.C3.p6.np | ap2-domain(HMM:4.1e-29) |
| 20516 | OJ990222_08.0420.C14.p1.np | ap2-domain(HMM:7e-35) |
| 20517 | OJ990222_08.9819.C24.p1.np | ap2-domain(HMM:7e-35) |
| 20518 | OJ990324_03.0419.C24.p1.np | ap2-domain(HMM:2.4e-10) |
| 20519 | OJ990324_03.0419.C60.p1.np | ap2-domain(HMM:7.1e-13) |
| 20520 | OJ990325_01.9C03.C29.p1.np | ap2-domain(HMM:1.4e-15) |
| 20521 | OJ990325_04.0114.C8.p1.np | ap2-domain(HMM:9.8e-33) |
| 20522 | OJ990405_01.9A01.C13.p1.np | ap2-domain(HMM:8.8e-39) |
| 20523 | OJ990414_05.9A08.C7.p10.np | ap2-domain(HMM:0.00096) |

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| 20524 | OJ990414_05.9A08.C7.p8.np | ap2-domain(HMM:0.00096) |
| 20525 | OJ990414_09.9922.C36.p1.np | ap2-domain(HMM:7.1e-54) |
| 20526 | OJ990428_02.9A29.C15.p1.np | ap2-domain(HMM:2.3e-32) |
| 20527 | OJ990430_35.9922.C9.p2.np | ap2-domain(HMM:5.2e-57) |
| 20528 | OJ990501_21.9922.C6.p2.np | ap2-domain(HMM:1.9e-27) |
| 20529 | OJ990501_23.9C03.C4.p1.np | ap2-domain(HMM:7e-41) |
| 20530 | OJ990503_06.9C10.C45.p1.np | ap2-domain(HMM:1e-33) |
| 20531 | OJ990504_02.9A01.C2.p1.np | ap2-domain(HMM:9.1e-28) |
| 20532 | OJ990504_06.9C17.C2.p1.np | ap2-domain(HMM:1.6e-38) |
| 20533 | OJ990504_07.9C27.C28.p1.np | ap2-domain(HMM:0.001) |
| 20534 | OJ990504_07.9C27.C79.p2.np | ap2-domain(HMM:0.0096) |
| 20535 | OJ990504_07.9C27.C80.p1.np | ap2-domain(HMM:8.9e-27) |
| 20536 | OJ990505_05.9A11.C31.p2.np | ap2-domain(HMM:0.00026) |
| 20537 | OJ990529_36.9A05.C1.p5.np | ap2-domain(HMM:1.5e-38) |
| 20538 | OJ990531_32.9A01.C10.p1.np | ap2-domain(HMM:4.7e-35) |
| 20539 | OJ990531_32.9A01.C9.p4.np | ap2-domain(HMM:0.00096) |
| 20540 | OJ990602_10.0228.C23.p1.np | ap2-domain(HMM:3.6e-35) |
| 20541 | OJ990612_35.0103.C6.p1.np | ap2-domain(HMM:4.4e-37) |
| 20542 | OJ990626_41.9B16.C5.p2.np | ap2-domain(HMM:1.1e-20) |
| 20543 | OJ990701_02.9922.C5.p1.np | ap2-domain(HMM:1.3e-22) |
| 20544 | OJ990713_02.9C10.C4.p1.np | ap2-domain(HMM:8.9e-39) |
| 20545 | OJ990721_10.0211.C12.p1.np | ap2-domain(HMM:0.037) |
| 20546 | OJ990807_34.9C17.C39.p1.np | ap2-domain(HMM:1.6) |
| 20547 | OJ990816_07.0225.C11.p1.np | ap2-domain(HMM:9.8e-05) |
| 20548 | OJ990816_07.0225.C5.p1.np | ap2-domain(HMM:0.13) |
| 20549 | OJ990818_13.0217.C16.p1.np | ap2-domain(HMM:3.5e-34) |
| 20550 | OJ990818_13.0317.C26.p1.np | ap2-domain(HMM:3.5e-34) |
| 20551 | OJ990818_16.9C10.C12.p1.np | ap2-domain(HMM:0.073) |
| 20552 | OJ990819_11.9C17.C35.p1.np | ap2-domain(HMM:0.002) |
| 20553 | OJ990830_09.9C23.C19.p2.np | ap2-domain(HMM:7.2e-51) |
| 20554 | OJ990914_01.9B05.C7.p1.np | ap2-domain(HMM:4.5e-50) |
| 20555 | OJ990914_16.0207.C6.p2.np | ap2-domain(HMM:1.1e-20) |
| 20556 | OJ990915_04.9B04.C10.p1.np | ap2-domain(HMM:6.6e-36) |
| 20557 | OJ990917_09.9A29.C15.p2.np | ap2-domain(HMM:2.9e-21) |
| 20558 | OJ990924_06.9C01.C14.p1.np | ap2-domain(HMM:1.2e-40) |
| 20559 | OJ990927_04.9B22.C8.p1.np | ap2-domain(HMM:4.8e-41) |
| 20560 | OJ991001_01.0119.C11.p1.np | ap2-domain(HMM:1.2e-40) |
| 20561 | OJ991021_11.0218.C9.p1.np | ap2-domain(HMM:6e-53) |
| 20562 | OJ991107_31.0204.C9.p1.np | ap2-domain(HMM:1.8e-40) |
| 20563 | OJ991107_37.0113.C35.p1.np | ap2-domain(HMM:0.13) |
| 20564 | OJ991107_37.0421.C35.p1.np | ap2-domain(HMM:0.22) |
| 20565 | OJ991107_41.0128.C4.p2.np | ap2-domain(HMM:0.00026) |
| 20566 | OJ991109_11.0207.C12.p1.np | ap2-domain(HMM:8.9e-44) |
| 20567 | OJ991110_05.0307.C15.p2.np | ap2-domain(HMM:2.8e-35) |
| 20568 | OJ991112_01.0403.C16.p4.np | ap2-domain(HMM:6.1e-66) |
| 20569 | OJ991112_15.0104.C17.p2.np | ap2-domain(HMM:6.4e-57) |
| 20570 | OJ991113_39.0419.C11.p1.np | ap2-domain(HMM:1.9e-36) |
| 20571 | OJ991114_41.9C06.C3.p1.np | ap2-domain(HMM:1.2e-37) |
| 20572 | OJ991114_45.0419.C94.p1.np | ap2-domain(HMM:1.4e-23) |
| 20573 | OJ991116_02.0215.C7.p1.np | ap2-domain(HMM:1.5e-35) |
| 20574 | OJ991117_12.0421.C16.p4.np | ap2-domain(HMM:2.7e-26) |
| 20575 | OJ991118_02.0104.C13.p1.np | ap2-domain(HMM:1.2e-40) |
| 20576 | OJ991121_39.0229.C39.p3.np | ap2-domain(HMM:6e-53) |
| 20577 | OJ991122_09.0330.C11.p2.np | ap2-domain(HMM:0.00096) |

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| 20578 | OJ991122_10.0419.C42.p6.np | ap2-domain(HMM:0.00096) |
| 20579 | OJ991206_04.0421.C10.p1.np | ap2-domain(HMM:6.6e-36) |
| 20580 | OJ991206_04.0421.C10.p2.np | ap2-domain(HMM:6.6e-36) |
| 20581 | OJ991206_04.9C30.C26.p1.np | ap2-domain(HMM:6.6e-36) |
| 20582 | OJ991206_04.9C30.C26.p2.np | ap2-domain(HMM:6.6e-36) |
| 20583 | OJ991206_14.0215.C50.p1.np | ap2-domain(HMM:6.6e-36) |
| 20584 | OJ991210_10.0110.C28.p1.np | ap2-domain(HMM:5e-25) |
| 20585 | OJ991211_65.0317.C8.p1.np | ap2-domain(HMM:4.1e-20) |
| 20586 | OJ991216_11.0113.C5.p2.np | ap2-domain(HMM:1.5e-57) |
| 20587 | OJ991226_49.0317.C10.p1.np | ap2-domain(HMM:2.9e-21) |
| 20588 | OJ000103_10.0215.C11.p1.np | ap2-domain(HMM:4.8e-26),arf(HMM:6.4),b3(HMM:6.4e-48) |
| 20589 | OJ000103_10.0426.C11.p1.np | ap2-domain(HMM:4.8e-26),arf(HMM:6.4),b3(HMM:6.4e-48) |
| 20590 | OJ991021_17.0125.C8.p5.np | ap2-domain(HMM:4.8e-26),arf(HMM:6.4),b3(HMM:6.4e-48) |
| 20591 | OJ000103_10.0215.C16.p1.np | ap2-domain(HMM:7.2e-24),b3(HMM:3.1e-38) |
| 20592 | OJ000103_10.0426.C16.p1.np | ap2-domain(HMM:7.2e-24),b3(HMM:3.1e-38) |
| 20593 | OJ991021_17.0125.C3.p2.np | ap2-domain(HMM:7.2e-24),b3(HMM:3.1e-38) |
| 20594 | OJ000207_17.0306.C14.p1.np | arf(HMM:0.00017) |
| 20595 | OJ000207_17.0323.C12.p1.np | arf(HMM:0.00017) |
| 20596 | OJ000310_04.0419.C36.p1.np | arf(HMM:0.01) |
| 20597 | OJ990820_01.0210.C13.p1.np | arf(HMM:2.3e-23) |
| 20598 | OJ000119_08.0302.C6.p2.np | arf(HMM:0.058),b3(HMM:1.2e-63) |
| 20599 | OJ000125_05.0316.C9.p1.np | arf(HMM:3.3e-265),b3(HMM:1.7e-43) |
| 20600 | OJ000217_13.0320.C10.p1.np | arf(HMM:8.2e-278),b3(HMM:5.9e-49) |
| 20601 | OJ000223_03.0330.C17.p1.np | arf(HMM:3.4e-66),b3(HMM:2.6e-52) |
| 20602 | OJ000250_39.0223.C7.p1.np | arf(HMM:1.4e-17),b3(HMM:9.2e-30) |
| 20603 | OJ000301_04.0403.C16.p1.np | arf(HMM:5.5e-268),b3(HMM:1.6e-44) |
| 20604 | OJ000302_05.0406.C12.p1.np | arf(HMM:1.6e-253),b3(HMM:1.9e-51) |
| 20605 | OJ000308_22.0419.C3.p1.np | arf(HMM:0.034),b3(HMM:4e-10) |
| 20606 | OJ000310_04.0419.C16.p1.np | arf(HMM:3.8e-69),b3(HMM:1.2e-60) |
| 20607 | OJ000320_29.0419.C32.p1.np | arf(HMM:1.4e-15),b3(HMM:1.2e-05) |
| 20608 | OJ000330_01.0424.C5.p1.np | arf(HMM:1.9e-08),b3(HMM:5.3e-34) |
| 20609 | OJ000330_03.0419.C1.p1.np | arf(HMM:2e-68),b3(HMM:3.3e-20) |
| 20610 | OJ000330_35.0419.C24.p1.np | arf(HMM:8.7e- |

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| 20611 | OJ000331_01.0419.C1.p1.np | 187),b3(HMM:6.6e-48) arf(HMM:1.5e-255),b3(HMM:2.2e-48) |
| 20612 | OJ000331_13.0420.C4.p2.np | arf(HMM:0.039),b3(HMM:1.2e-63) |
| 20613 | OJ000331_13.0420.C4.p4.np | arf(HMM:0.058),b3(HMM:1.2e-63) |
| 20614 | OJ000404_33.0424.C14.p2.np | arf(HMM:1.2e-138),b3(HMM:8.1e-45) |
| 20615 | OJ990203_05.9819.C2.p4.np | arf(HMM:1.2e-185),b3(HMM:1e-57) |
| 20616 | OJ990515_23.9A07.C8.p1.np | arf(HMM:3.3e-05),b3(HMM:6.6e-11) |
| 20617 | OJ990529_36.9A05.C5.p1.np | arf(HMM:3.9e-167),b3(HMM:1.1e-58) |
| 20618 | OJ990708_04.9A01.C8.p7.np | arf(HMM:2.6e-249),b3(HMM:6.7e-34) |
| 20619 | OJ990713_07.0419.C6.p1.np | arf(HMM:8.7e-228),b3(HMM:9.7e-47) |
| 20620 | OJ990805_01.9B19.C6.p1.np | arf(HMM:1.2e-184),b3(HMM:3.1e-58) |
| 20621 | OJ990823_06.9B03.C9.p1.np | arf(HMM:0.0045),b3(HMM:4.1e-48) |
| 20622 | OJ990920_18.9C06.C29.p1.np | arf(HMM:1.2),b3(HMM:4.1e-48) |
| 20623 | OJ000113_08.0215.C3.p3.np | arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41) |
| 20624 | OJ000113_08.0426.C3.p3.np | arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41) |
| 20625 | OJ000114_24.0315.C2.p5.np | arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41) |
| 20626 | OJ000210_11.0302.C11.p1.np | arf(HMM:1.1e-225),b3(HMM:4.5e-50),iaa(HMM:1.3e-37) |
| 20627 | OJ000223_05.0419.C21.p1.np | arf(HMM:3.2e-103),b3(HMM:4.7e-42),iaa(HMM:0.36) |
| 20628 | OJ000223_22.0320.C8.p1.np | arf(HMM:1.6e-181),b3(HMM:2.2e-43),iaa(HMM:3.6e-12) |
| 20629 | OJ000302_20.0420.C9.p2.np | arf(HMM:3.2e-103),b3(HMM:4.7e-42),iaa(HMM:0.36) |
| 20630 | OJ000310_06.0417.C4.p3.np | arf(HMM:1.1e-225),b3(HMM:4.5e-50),iaa(HMM:1.3e-37) |
| 20631 | OJ990402_08.9922.C31.p2.np | arf(HMM:2.7e-229),b3(HMM:5.8e-47),iaa(HMM:4.7e-35) |
| 20632 | OJ990605_37.9922.C3.p2.np | arf(HMM:9.4e-241),b3(HMM:2.4e-49),iaa(HMM:4.7e-35) |

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| 20633 | OJ991109_02.0118.C5.p1.np | arf(HMM:3.4e-262),b3(HMM:6.1e-46),iaa(HMM:4.3e-15) |
| 20634 | OJ991201_03.0310.C7.p1.np | arf(HMM:5.3e-105),b3(HMM:4.9e-43),iaa(HMM:1.1) |
| 20635 | OJ991201_03.0421.C6.p1.np | arf(HMM:1.3e-100),b3(HMM:4.9e-43),iaa(HMM:1.1) |
| 20636 | OJ991201_03.9C23.C17.p1.np | arf(HMM:5.3e-105),b3(HMM:4.9e-43),iaa(HMM:1.1) |
| 20637 | OJ991208_02.0106.C5.p5.np | arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41) |
| 20638 | OJ000330_35.0419.C23.p1.np | arf(HMM:1.1e-18),iaa(HMM:3.7e-22) |
| 20639 | OJ000221_16.0403.C7.p1.np | arid(HMM:0.0012) |
| 20640 | OJ000321_33.0424.C30.p1.np | arid(HMM:0.00036) |
| 20641 | OJ000324_18.0420.C8.p2.np | arid(HMM:0.0047) |
| 20642 | OJ000330_02.0418.C16.p1.np | arid(HMM:0.00096) |
| 20643 | OJ990406_07.9C10.C14.p1.np | arid(HMM:0.00059) |
| 20644 | OJ990531_39.9919.C9.p2.np | arid(HMM:3.7e-05) |
| 20645 | OJ991117_07.0104.C63.p1.np | arid(HMM:3.7e-05) |
| 20646 | OJ991117_07.0421.C50.p2.np | arid(HMM:3.7e-05) |
| 20647 | OJ000105_19.0405.C46.p4.np | arid(HMM:8.5e-11),hmg_box(HMM:4.5e-18) |
| 20648 | OJ000105_19.0426.C46.p4.np | arid(HMM:8.5e-11),hmg_box(HMM:4.5e-18) |
| 20649 | OJ000208_08.0321.C10.p1.np | athook(HMM:0.0072) |
| 20650 | OJ000210_13.0424.C2.p3.np | athook(HMM:0.077) |
| 20651 | OJ000310_39.0424.C54.p1.np | athook(HMM:0.042) |
| 20652 | OJ990406_07.9C10.C20.p3.np | athook(HMM:0.015) |
| 20653 | OJ990531_39.9919.C7.p1.np | athook(HMM:0.033) |
| 20654 | OJ990716_06.9819.C10.p1.np | athook(HMM:0.0061) |
| 20655 | OJ991121_46.9C13.C12.p3.np | athook(HMM:0.076) |
| 20656 | OJ991201_12.0421.C4.p10.np | athook(HMM:0.1) |
| 20657 | OJ991201_12.0421.C4.p9.np | athook(HMM:0.1) |
| 20658 | OJ991201_12.9C29.C4.p7.np | athook(HMM:0.1) |
| 20659 | OJ991214_11.0127.C6.p1.np | athook(HMM:0.00056) |
| 20660 | OJ000208_06.0424.C23.p1.np | b3(HMM:4.6) |
| 20661 | OJ000250_89.0214.C3.p1.np | b3(HMM:0.32) |
| 20662 | OJ000250_89.0214.C6.p2.np | b3(HMM:1.4e-38) |
| 20663 | OJ000301_04.0403.C43.p1.np | b3(HMM:8e-35) |
| 20664 | OJ000313_32.0419.C12.p1.np | b3(HMM:3.3e-46) |
| 20665 | OJ000350_09.0323.C8.p1.np | b3(HMM:8.9e-41) |
| 20666 | OJ000450_17.0411.C2.p14.np | b3(HMM:2.1e-63) |
| 20667 | OJ990401_09.9923.C9.p10.np | b3(HMM:8.8e-07) |
| 20668 | OJ990401_09.9923.C9.p9.np | b3(HMM:2.9e-05) |
| 20669 | OJ990527_36.9922.C4.p1.np | b3(HMM:2.9e-72) |
| 20670 | OJ990720_10.9C17.C14.p1.np | b3(HMM:6.9e-06) |
| 20671 | OJ990730_02.9C10.C3.p5.np | b3(HMM:2.9e-72) |
| 20672 | OJ990730_06.0310.C12.p1.np | b3(HMM:2.9e-72) |
| 20673 | OJ990730_06.9921.C35.p1.np | b3(HMM:2.9e-72) |

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| 20674 | OJ990808_30.9C10.C13.p1.np | b3(HMM:2.9e-72) |
| 20675 | OJ990823_12.9B01.C10.p1.np | b3(HMM:2.9e-72) |
| 20676 | OJ991015_18.0315.C8.p1.np | b3(HMM:1.2e-05) |
| 20677 | OJ991015_18.0315.C8.p2.np | b3(HMM:7.2e-05) |
| 20678 | OJ991019_09.0211.C3.p1.np | b3(HMM:1.2e-05) |
| 20679 | OJ991019_09.0211.C4.p1.np | b3(HMM:6.6e-08) |
| 20680 | OJ991113_34.0421.C10.p4.np | b3(HMM:1.4e-37) |
| 20681 | OJ991113_34.9C27.C28.p1.np | b3(HMM:1.4e-37) |
| 20682 | OJ991122_05.0210.C19.p1.np | b3(HMM:0.00046) |
| 20683 | OJ991122_05.0303.C24.p1.np | b3(HMM:0.00043) |
| 20684 | OJ991122_05.0421.C24.p1.np | b3(HMM:0.00043) |
| 20685 | OJ991215_14.0211.C13.p1.np | b3(HMM:7.2e-47) |
| 20686 | OJ000150_00.0124.C60.p1.np | bah(HMM:5.2e-82) |
| 20687 | OJ000301_25.0410.C6.p1.np | bah(HMM:0.063) |
| 20688 | OJ000316_06.0418.C40.p2.np | bah(HMM:1.2) |
| 20689 | OJ000324_01.0424.C39.p1.np | bah(HMM:1.8e-07) |
| 20690 | OJ000324_08.0419.C30.p1.np | bah(HMM:2e-18) |
| 20691 | OJ990311_14.9819.C1.p1.np | bah(HMM:2e-84) |
| 20692 | OJ990323_15.9A11.C2.p1.np | bah(HMM:5.2e-82) |
| 20693 | OJ990515_23.9A07.C6.p1.np | bah(HMM:1.1) |
| 20694 | OJ990528_11.9A03.C13.p3.np | bah(HMM:0.063) |
| 20695 | OJ990528_11.9A03.C69.p1.np | bah(HMM:0.046) |
| 20696 | OJ991122_05.0210.C27.p1.np | bah(HMM:7.1e-75) |
| 20697 | OJ991122_05.0303.C17.p1.np | bah(HMM:2.3e-77) |
| 20698 | OJ991122_05.0421.C17.p1.np | bah(HMM:2.3e-77) |
| 20699 | OJ991215_09.0118.C4.p1.np | bah(HMM:4.8) |
| 20700 | OJ991114_37.0128.C18.p1.np | bah(HMM:2.5e-17),chromo(HMM:0.011) |
| 20701 | OJ990323_15.9A11.C5.p4.np | bah(HMM:1e-32),phd(HMM:2.3e-14) |
| 20702 | OJ990817_03.0218.C5.p4.np | bah(HMM:1.1e-36),phd(HMM:3.3e-13) |
| 20703 | OJ990923_15.9C01.C7.p3.np | bah(HMM:1.1e-36),phd(HMM:3.3e-13) |
| 20704 | OJ991109_09.0421.C1.p4.np | bah(HMM:9.4e-18),phd(HMM:1.7e-09) |
| 20705 | OJ991109_09.9C22.C1.p4.np | bah(HMM:9.4e-18),phd(HMM:1.7e-09) |
| 20706 | OJ991110_09.0222.C14.p4.np | bah(HMM:9.4e-18),phd(HMM:1.7e-09) |
| 20707 | OJ991121_47.9C30.C7.p1.np | bah(HMM:7.4e-23),phd(HMM:1.7e-09) |
| 20708 | OJ991121_47.9C30.C7.p2.np | bah(HMM:4.3e-18),phd(HMM:1.7e-09) |
| 20709 | OJ991208_20.0406.C14.p1.np | bah(HMM:1.8e-28),phd(HMM:2.3e-14) |
| 20710 | OJ991216_14.0114.C7.p1.np | bah(HMM:1.1e-36),phd(HMM:3.3e-13) |
| 20711 | OJ990419_08.9923.C14.p1.np | bpf-1(HMM:1.7e-15) |
| 20712 | OJ990419_08.9923.C13.p1.np | bpf-1(HMM:0.00015),myb_dna-binding(HMM:0.026) |
| 20713 | OJ990822_48.0106.C2.p4.np | bpf-1(HMM:7.8e-79),myb_dna-binding(HMM:0.0099) |
| 20714 | OJ991113_46.0103.C14.p3.np | bpf-1(HMM:0.0048),myb_dna- |

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| 20715 | OJ000111_15.0217.C3.p10.np | binding(HMM:0.0034) |
| 20716 | OJ000111_15.0426.C3.p10.np | bromodomain(HMM:4.3e-34) |
| 20717 | OJ000111_17.0229.C13.p1.np | bromodomain(HMM:4.3e-34) |
| 20718 | OJ000111_17.0229.C25.p1.np | bromodomain(HMM:2.3e-06) |
| 20719 | OJ000111_17.0426.C13.p1.np | bromodomain(HMM:1.2e-26) |
| 20720 | OJ000111_17.0426.C25.p1.np | bromodomain(HMM:1.4e-08) |
| 20721 | OJ000117_11.0223.C23.p2.np | bromodomain(HMM:1.2e-26) |
| 20722 | OJ000117_11.0223.C9.p1.np | bromodomain(HMM:2.5e-18) |
| 20723 | OJ000117_15.0207.C5.p2.np | bromodomain(HMM:1.1e-20) |
| 20724 | OJ000118_14.0228.C8.p13.np | bromodomain(HMM:3.3e-32) |
| 20725 | OJ000118_14.0331.C7.p13.np | bromodomain(HMM:4.3e-34) |
| 20726 | OJ000207_19.0316.C4.p2.np | bromodomain(HMM:4.3e-34) |
| 20727 | OJ000211_08.0323.C2.p1.np | bromodomain(HMM:2.7e-23) |
| 20728 | OJ000217_01.0308.C8.p1.np | bromodomain(HMM:2.4e-27) |
| 20729 | OJ000250_57.0214.C1.p1.np | bromodomain(HMM:3e-17) |
| 20730 | OJ000250_57.0310.C1.p1.np | bromodomain(HMM:5.3e-29) |
| 20731 | OJ000307_02.0330.C7.p1.np | bromodomain(HMM:5.3e-29) |
| 20732 | OJ000316_22.0419.C50.p1.np | bromodomain(HMM:3e-17) |
| 20733 | OJ000321_05.0419.C20.p1.np | bromodomain(HMM:5.7e-05) |
| 20734 | OJ000327_18.0420.C8.p1.np | bromodomain(HMM:5.3e-29) |
| 20735 | OJ000331_17.0424.C14.p1.np | bromodomain(HMM:9.9e-05) |
| 20736 | OJ000331_17.0426.C13.p1.np | bromodomain(HMM:5.3e-29) |
| 20737 | OJ990211_02.9819.C35.p1.np | bromodomain(HMM:5.3e-29) |
| 20738 | OJ990211_03.9819.C29.p1.np | bromodomain(HMM:9.6e-33) |
| 20739 | OJ990410_27.9922.C4.p2.np | bromodomain(HMM:9.6e-33) |
| 20740 | OJ990415_01.9922.C1.p1.np | bromodomain(HMM:1.1e-23) |
| 20741 | OJ990415_01.9922.C13.p1.np | bromodomain(HMM:2.3e-19) |
| 20742 | OJ990416_02.9923.C7.p3.np | bromodomain(HMM:5.3e-29) |
| 20743 | OJ990416_05.9A01.C6.p1.np | bromodomain(HMM:5.3e-29) |
| 20744 | OJ990416_06.9819.C32.p5.np | bromodomain(HMM:3e-17) |
| 20745 | OJ990524_13.0103.C5.p1.np | bromodomain(HMM:3e-17) |
| 20746 | OJ990602_04.0103.C15.p2.np | bromodomain(HMM:9e-30) |
| 20747 | OJ990602_04.0103.C15.p3.np | bromodomain(HMM:9.9e-05) |
| 20748 | OJ990903_13.0225.C11.p1.np | bromodomain(HMM:9.9e-05) |
| 20749 | OJ990923_05.9B16.C7.p5.np | bromodomain(HMM:9e-30) |
| 20750 | OJ991021_06.0218.C10.p2.np | bromodomain(HMM:3e-17) |
| 20751 | OJ991028_16.0225.C2.p1.np | bromodomain(HMM:9.6e-33) |
| 20752 | OJ991121_46.9C13.C3.p1.np | bromodomain(HMM:0.23) |
| 20753 | OJ991216_04.0316.C15.p1.np | bromodomain(HMM:3.3e-32) |
| 20754 | OJ991226_50.0317.C3.p2.np | bromodomain(HMM:1.2) |
| 20755 | OJ990518_08.9C03.C49.p1.np | bromodomain(HMM:9.6e-33) |
| 20756 | OJ990708_04.9A01.C10.p1.np | btb(HMM:0.073) |
| 20757 | OJ991117_16.0419.C17.p3.np | btb(HMM:0.015) |
| 20758 | OJ000102_54.0426.C53.p1.np | btb(HMM:0.073) |
| 20759 | OJ000106_07.0310.C11.p2.np | bzip(HMM:4.3e-09) |
| 20760 | OJ000106_07.0426.C11.p2.np | bzip(HMM:1.4e-22) |
| 20761 | OJ000106_16.0207.C26.p1.np | bzip(HMM:1.4e-22) |
| 20762 | OJ000106_16.0426.C26.p1.np | bzip(HMM:1e-18) |
| 20763 | OJ000110_04.0426.C37.p1.np | bzip(HMM:1e-18) |
| 20764 | OJ000110_13.0222.C15.p3.np | bzip(HMM:1.2e-22) |
| 20765 | OJ000110_13.0426.C15.p3.np | bzip(HMM:3.8e-12) |
| 20766 | OJ000111_20.0215.C5.p1.np | bzip(HMM:3.8e-12) |
| 20767 | OJ000111_20.0426.C5.p1.np | bzip(HMM:0.0098) |
| | | bzip(HMM:0.0098) |

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| 20768 | OJ000113_11.0225.C12.p1.np | bzip(HMM:1.2e-10) |
| 20769 | OJ000113_21.0317.C10.p1.np | bzip(HMM:8.4e-09) |
| 20770 | OJ000118_07.0215.C1.p5.np | bzip(HMM:1.9e-07) |
| 20771 | OJ000119_08.0302.C5.p1.np | bzip(HMM:2.9e-05) |
| 20772 | OJ000150_00.0124.C48.p1.np | bzip(HMM:4e-18) |
| 20773 | OJ000150_01.0124.C24.p1.np | bzip(HMM:4.3e-14) |
| 20774 | OJ000150_01.0124.C39.p1.np | bzip(HMM:1.4e-12) |
| 20775 | OJ000150_20.0124.C2.p3.np | bzip(HMM:1.9e-07) |
| 20776 | OJ000208_12.0417.C12.p1.np | bzip(HMM:6.3e-08) |
| 20777 | OJ000209_01.0301.C12.p1.np | bzip(HMM:2.7e-11) |
| 20778 | OJ000209_02.0314.C46.p1.np | bzip(HMM:2.2e-09) |
| 20779 | OJ000222_01.0327.C5.p1.np | bzip(HMM:2.4e-12) |
| 20780 | OJ000229_14.0327.C8.p1.np | bzip(HMM:5.9e-08) |
| 20781 | OJ000310_32.0419.C5.p2.np | bzip(HMM:2.8e-05) |
| 20782 | OJ000313_06.0419.C16.p4.np | bzip(HMM:8.4e-17) |
| 20783 | OJ000313_31.0421.C4.p1.np | bzip(HMM:0.00033) |
| 20784 | OJ000313_36.0421.C13.p1.np | bzip(HMM:0.00097) |
| 20785 | OJ000314_12.0418.C1.p2.np | bzip(HMM:5.6e-12) |
| 20786 | OJ000314_12.0418.C9.p4.np | bzip(HMM:0.0029) |
| 20787 | OJ000320_11.0419.C31.p1.np | bzip(HMM:3.5e-12) |
| 20788 | OJ000320_24.0411.C8.p1.np | bzip(HMM:0.00066) |
| 20789 | OJ000321_07.0419.C21.p1.np | bzip(HMM:0.0012) |
| 20790 | OJ000321_35.0417.C3.p2.np | bzip(HMM:0.11) |
| 20791 | OJ000322_02.0419.C21.p1.np | bzip(HMM:1.2e-10) |
| 20792 | OJ000322_13.0420.C36.p2.np | bzip(HMM:1.5e-14) |
| 20793 | OJ000323_34.0412.C21.p1.np | bzip(HMM:8.4e-17) |
| 20794 | OJ000323_34.0420.C7.p1.np | bzip(HMM:8.4e-17) |
| 20795 | OJ000330_10.0420.C3.p1.np | bzip(HMM:0.00097) |
| 20796 | OJ000331_13.0420.C5.p1.np | bzip(HMM:1.2e-07) |
| 20797 | OJ000350_09.0323.C13.p5.np | bzip(HMM:3.5e-08) |
| 20798 | OJ000350_15.0322.C12.p2.np | bzip(HMM:5.6e-12) |
| 20799 | OJ000350_15.0322.C17.p1.np | bzip(HMM:0.0012) |
| 20800 | OJ000350_52.0314.C2.p3.np | bzip(HMM:3.5e-12) |
| 20801 | OJ000350_58.0327.C30.p1.np | bzip(HMM:6.9e-07) |
| 20802 | OJ000450_06.0410.C10.p4.np | bzip(HMM:8.4e-17) |
| 20803 | OJ990304_01.9819.C3.p1.np | bzip(HMM:9.8e-13) |
| 20804 | OJ990310_01.9819.C17.p2.np | bzip(HMM:0.0013) |
| 20805 | OJ990311_14.9819.C3.p1.np | bzip(HMM:5.3e-10) |
| 20806 | OJ990318_03.9A03.C5.p1.np | bzip(HMM:0.0013) |
| 20807 | OJ990318_03.9A03.C6.p1.np | bzip(HMM:1.2e-14) |
| 20808 | OJ990318_03.9A03.C7.p1.np | bzip(HMM:2.3e-13) |
| 20809 | OJ990319_11.0419.C36.p1.np | bzip(HMM:2.6e-11) |
| 20810 | OJ990319_11.9524.C16.p1.np | bzip(HMM:2.6e-11) |
| 20811 | OJ990330_14.0103.C7.p4.np | bzip(HMM:6.4e-14) |
| 20812 | OJ990402_30.9819.C6.p1.np | bzip(HMM:1.8e-13) |
| 20813 | OJ990402_31.9C10.C5.p1.np | bzip(HMM:6.6e-12) |
| 20814 | OJ990405_09.9819.C17.p4.np | bzip(HMM:4.2e-13) |
| 20815 | OJ990406_07.9C10.C25.p1.np | bzip(HMM:0.00096) |
| 20816 | OJ990421_31.9924.C12.p1.np | bzip(HMM:5e-07) |
| 20817 | OJ990421_31.9924.C21.p1.np | bzip(HMM:5e-07) |
| 20818 | OJ990423_11.9924.C14.p1.np | bzip(HMM:7.4e-12) |
| 20819 | OJ990426_04.9924.C18.p4.np | bzip(HMM:4.4) |
| 20820 | OJ990426_04.9924.C19.p1.np | bzip(HMM:0.21) |
| 20821 | OJ990427_01.9A14.C21.p5.np | bzip(HMM:1.9e-07) |

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| 20822 | OJ990427_21.0114.C10.p1.np | bzip(HMM:4.1e-07) |
| 20823 | OJ990427_21.0114.C10.p2.np | bzip(HMM:4.1e-07) |
| 20824 | OJ990429_21.9922.C16.p1.np | bzip(HMM:0.12) |
| 20825 | OJ990518_10.9924.C37.p3.np | bzip(HMM:9.4e-06) |
| 20826 | OJ990518_10.9924.C38.p1.np | bzip(HMM:0.0007) |
| 20827 | OJ990520_03.9C23.C38.p1.np | bzip(HMM:0.0015) |
| 20828 | OJ990604_03.9C03.C40.p1.np | bzip(HMM:0.00097) |
| 20829 | OJ990605_41.0225.C3.p3.np | bzip(HMM:1.2e-22) |
| 20830 | OJ990612_35.0103.C7.p5.np | bzip(HMM:1e-10) |
| 20831 | OJ990616_09.9C01.C7.p1.np | bzip(HMM:0.052) |
| 20832 | OJ990616_09.9C01.C8.p1.np | bzip(HMM:1.6e-21) |
| 20833 | OJ990617_02.9B01.C92.p1.np | bzip(HMM:0.0043) |
| 20834 | OJ990619_50.0211.C2.p1.np | bzip(HMM:1.2e-06) |
| 20835 | OJ990705_39.9919.C11.p5.np | bzip(HMM:1.9e-07) |
| 20836 | OJ990716_06.9819.C18.p1.np | bzip(HMM:1.8e-14) |
| 20837 | OJ990728_08.0114.C19.p1.np | bzip(HMM:3.5e-12) |
| 20838 | OJ990818_04.9A01.C5.p7.np | bzip(HMM:0.0056) |
| 20839 | OJ990821_44.9C20.C3.p5.np | bzip(HMM:0.0087) |
| 20840 | OJ990830_03.9B17.C45.p1.np | bzip(HMM:1.3e-10) |
| 20841 | OJ990903_12.9C01.C20.p1.np | bzip(HMM:7e-12) |
| 20842 | OJ990903_12.9C01.C20.p2.np | bzip(HMM:7e-12) |
| 20843 | OJ990903_18.0103.C5.p9.np | bzip(HMM:8.4e-16) |
| 20844 | OJ990907_11.0103.C2.p1.np | bzip(HMM:0.0098) |
| 20845 | OJ990909_05.0223.C12.p1.np | bzip(HMM:6.6e-15) |
| 20846 | OJ990909_08.0222.C22.p1.np | bzip(HMM:1.8e-10) |
| 20847 | OJ990922_02.9C17.C34.p1.np | bzip(HMM:2.4e-12) |
| 20848 | OJ991007_03.0421.C8.p2.np | bzip(HMM:1.2e-13) |
| 20849 | OJ991007_03.9C27.C8.p2.np | bzip(HMM:1.2e-13) |
| 20850 | OJ991012_10.0127.C11.p1.np | bzip(HMM:0.00033) |
| 20851 | OJ991108_12.0404.C11.p1.np | bzip(HMM:0.055) |
| 20852 | OJ991111_08.0307.C11.p3.np | bzip(HMM:3.5e-12) |
| 20853 | OJ991112_17.9C20.C5.p6.np | bzip(HMM:8.1e-18) |
| 20854 | OJ991117_16.0419.C8.p1.np | bzip(HMM:5e-08) |
| 20855 | OJ991119_17.0126.C6.p1.np | bzip(HMM:2.8e-05) |
| 20856 | OJ991202_01.0419.C34.p1.np | bzip(HMM:1.6e-21) |
| 20857 | OJ991216_10.0211.C14.p2.np | bzip(HMM:0.00033) |
| 20858 | OJ991220_10.0118.C5.p2.np | bzip(HMM:0.01) |
| 20859 | OJ000223_05.0419.C14.p1.np | bzip(HMM:0.052),homeobox(HMM:5.9e-15) |
| 20860 | OJ000302_20.0420.C9.p5.np | bzip(HMM:0.052),homeobox(HMM:5.9e-15) |
| 20861 | OJ991114_36.0128.C7.p1.np | bzip(HMM:0.058),homeobox(HMM:2.3e-07) |
| 20862 | OJ990903_18.0103.C5.p3.np | bzip(HMM:8.4e-16),zf-cchc(HMM:0.00047) |
| 20863 | OJ000113_23.0214.C4.p2.np | cbfd_nfyb_hmf(HMM:1.7e-36) |
| 20864 | OJ000113_23.0303.C4.p2.np | cbfd_nfyb_hmf(HMM:1.7e-36) |
| 20865 | OJ000122_36.0307.C45.p1.np | cbfd_nfyb_hmf(HMM:6.7e-05) |
| 20866 | OJ000130_34.0419.C15.p4.np | cbfd_nfyb_hmf(HMM:2.9e-37) |
| 20867 | OJ000130_34.0419.C15.p5.np | cbfd_nfyb_hmf(HMM:1.7e-32) |
| 20868 | OJ000209_28.0419.C35.p1.np | cbfd_nfyb_hmf(HMM:3.7e-21) |
| 20869 | OJ000217_16.0403.C13.p2.np | cbfd_nfyb_hmf(HMM:3.6e-33) |
| 20870 | OJ000229_25.0322.C37.p2.np | cbfd_nfyb_hmf(HMM:2.6e-08) |
| 20871 | OJ000250_84.0214.C9.p4.np | cbfd_nfyb_hmf(HMM:1.9e-13) |

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| 20872 | OJ000250_93.0307.C10.p2.np | cbfd_nfyb_hmf(HMM:6.7e-05) |
| 20873 | OJ000303_14.0419.C3.p2.np | cbfd_nfyb_hmf(HMM:3.4e-05) |
| 20874 | OJ000320_16.0419.C20.p1.np | cbfd_nfyb_hmf(HMM:1.4e-37) |
| 20875 | OJ000323_18.0419.C2.p1.np | cbfd_nfyb_hmf(HMM:1.9e-13) |
| 20876 | OJ000324_19.0419.C6.p2.np | cbfd_nfyb_hmf(HMM:5.1e-15) |
| 20877 | OJ000350_26.0323.C10.p9.np | cbfd_nfyb_hmf(HMM:2.6e-23) |
| 20878 | OJ990402_27.9819.C20.p2.np | cbfd_nfyb_hmf(HMM:1.1e-26) |
| 20879 | OJ990514_12.0103.C34.p1.np | cbfd_nfyb_hmf(HMM:0.0035) |
| 20880 | OJ990525_14.9C03.C6.p1.np | cbfd_nfyb_hmf(HMM:4.9e-23) |
| 20881 | OJ990528_11.9A03.C44.p1.np | cbfd_nfyb_hmf(HMM:1.1e-38) |
| 20882 | OJ990619_53.9A29.C4.p1.np | cbfd_nfyb_hmf(HMM:0.009) |
| 20883 | OJ990714_12.0419.C51.p2.np | cbfd_nfyb_hmf(HMM:0.0035) |
| 20884 | OJ990721_02.9B16.C15.p1.np | cbfd_nfyb_hmf(HMM:2.7e-14) |
| 20885 | OJ990803_06.9B18.C7.p1.np | cbfd_nfyb_hmf(HMM:2.9e-13) |
| 20886 | OJ990827_03.9C01.C15.p1.np | cbfd_nfyb_hmf(HMM:1.4e-37) |
| 20887 | OJ991029_11.0207.C12.p1.np | cbfd_nfyb_hmf(HMM:4.8e-22) |
| 20888 | OJ991122_12.0229.C3.p8.np | cbfd_nfyb_hmf(HMM:1.7e-32) |
| 20889 | OJ991122_12.0229.C5.p1.np | cbfd_nfyb_hmf(HMM:2.9e-37) |
| 20890 | OJ991201_12.0421.C5.p1.np | cbfd_nfyb_hmf(HMM:4.6e-38) |
| 20891 | OJ991201_12.9C29.C5.p1.np | cbfd_nfyb_hmf(HMM:4.6e-38) |
| 20892 | OJ000204_17.0323.C5.p1.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20893 | OJ000214_17.0321.C17.p3.np | cbfd_nfyb_hmf(HMM:0.021),histone(HMM:1.1e-51) |
| 20894 | OJ000221_07.0323.C12.p6.np | cbfd_nfyb_hmf(HMM:0.028),histone(HMM:3.7e-52) |
| 20895 | OJ000250_99.0316.C35.p2.np | cbfd_nfyb_hmf(HMM:0.021),histone(HMM:1.1e-51) |
| 20896 | OJ000302_09.0414.C4.p2.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20897 | OJ000330_14.0419.C12.p1.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20898 | OJ000450_12.0410.C1.p10.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20899 | OJ990316_13.9819.C11.p1.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20900 | OJ990324_01.0103.C47.p2.np | cbfd_nfyb_hmf(HMM:0.021),histone(HMM:9.2e-51) |
| 20901 | OJ990428_20.9924.C16.p2.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20902 | OJ990713_11.9B12.C10.p6.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20903 | OJ990721_07.0211.C6.p3.np | cbfd_nfyb_hmf(HMM:0.029),histone(HMM:1.8e-51) |
| 20904 | OJ990816_09.9B19.C1.p2.np | cbfd_nfyb_hmf(HMM:0.048),histone(HMM:6.6e-52) |
| 20905 | OJ990816_09.9B19.C42.p1.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20906 | OJ990825_02.9A29.C17.p3.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20907 | OJ990914_18.9B24.C5.p1.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |
| 20908 | OJ990920_18.9C06.C38.p1.np | cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19) |

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| 20909 | OJ990927_04.9B22.C4.p1.np | cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19) |
| 20910 | OJ991122_19.0330.C1.p2.np | cbfd_nfyb_hmf(HMM:0.021),hist one(HMM:9.2e-51) |
| 20911 | OJ991122_19.0330.C1.p6.np | cbfd_nfyb_hmf(HMM:0.021),hist one(HMM:9.2e-51) |
| 20912 | OJ991201_12.0421.C2.p2.np | cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19) |
| 20913 | OJ991201_12.9C29.C2.p2.np | cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19) |
| 20914 | OJ991214_08.0113.C1.p2.np | cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19) |
| 20915 | OJ991216_07.0301.C12.p1.np | cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19) |
| 20916 | OJ991225_70.0308.C26.p1.np | cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19) |
| 20917 | OJ000102_79.0301.C3.p1.np | chromo(HMM:0.094) |
| 20918 | OJ000102_79.0414.C3.p1.np | chromo(HMM:0.094) |
| 20919 | OJ000102_79.0426.C3.p1.np | chromo(HMM:0.094) |
| 20920 | OJ000111_01.0225.C1.p1.np | chromo(HMM:0.0022) |
| 20921 | OJ000111_01.0426.C1.p1.np | chromo(HMM:0.0022) |
| 20922 | OJ000111_12.0313.C1.p1.np | chromo(HMM:0.0038) |
| 20923 | OJ000111_12.0426.C1.p1.np | chromo(HMM:0.0038) |
| 20924 | OJ000113_18.0328.C8.p3.np | chromo(HMM:0.28) |
| 20925 | OJ000113_18.0328.C8.p4.np | chromo(HMM:0.28) |
| 20926 | OJ000116_39.0419.C6.p2.np | chromo(HMM:0.037) |
| 20927 | OJ000119_07.0209.C2.p2.np | chromo(HMM:0.29) |
| 20928 | OJ000119_07.0209.C2.p3.np | chromo(HMM:0.29) |
| 20929 | OJ000217_15.0419.C11.p1.np | chromo(HMM:0.28) |
| 20930 | OJ000222_09.0330.C14.p5.np | chromo(HMM:0.13) |
| 20931 | OJ000222_20.0403.C8.p2.np | chromo(HMM:0.17) |
| 20932 | OJ000250_64.0419.C15.p1.np | chromo(HMM:0.043) |
| 20933 | OJ000251_07.0216.C20.p1.np | chromo(HMM:0.018) |
| 20934 | OJ000251_07.0216.C34.p1.np | chromo(HMM:0.1) |
| 20935 | OJ000251_31.0216.C8.p5.np | chromo(HMM:0.08) |
| 20936 | OJ000251_31.0310.C12.p2.np | chromo(HMM:0.08) |
| 20937 | OJ000303_14.0419.C7.p5.np | chromo(HMM:0.067) |
| 20938 | OJ000308_20.0419.C21.p1.np | chromo(HMM:0.011) |
| 20939 | OJ000309_13.0419.C18.p1.np | chromo(HMM:0.027) |
| 20940 | OJ000320_05.0417.C9.p2.np | chromo(HMM:0.016) |
| 20941 | OJ000330_05.0419.C72.p1.np | chromo(HMM:0.038) |
| 20942 | OJ000330_06.0419.C15.p1.np | chromo(HMM:0.038) |
| 20943 | OJ000350_31.0315.C4.p2.np | chromo(HMM:0.037) |
| 20944 | OJ990212_05.9819.C33.p1.np | chromo(HMM:0.095) |
| 20945 | OJ990311_15.9819.C8.p2.np | chromo(HMM:0.0019) |
| 20946 | OJ990311_15.9819.C8.p3.np | chromo(HMM:0.0011) |
| 20947 | OJ990318_14.9922.C10.p2.np | chromo(HMM:0.0046) |
| 20948 | OJ990323_33.9A06.C8.p6.np | chromo(HMM:0.028) |
| 20949 | OJ990323_33.9A06.C8.p7.np | chromo(HMM:0.028) |
| 20950 | OJ990325_03.9A14.C36.p1.np | chromo(HMM:0.0025) |
| 20951 | OJ990407_07.9922.C27.p1.np | chromo(HMM:0.17) |
| 20952 | OJ990409_08.9923.C13.p1.np | chromo(HMM:0.0035) |
| 20953 | OJ990409_09.0204.C13.p1.np | chromo(HMM:0.0035) |
| 20954 | OJ990412_07.9923.C35.p1.np | chromo(HMM:0.035) |

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| 20955 | OJ990421_08.9923.C9.p4.np | chromo(HMM:0.24) |
| 20956 | OJ990429_22.9819.C2.p7.np | chromo(HMM:0.28) |
| 20957 | OJ990429_23.9924.C16.p2.np | chromo(HMM:0.011) |
| 20958 | OJ990503_21.9B05.C12.p1.np | chromo(HMM:0.11) |
| 20959 | OJ990503_21.9B05.C3.p3.np | chromo(HMM:0.048) |
| 20960 | OJ990517_10.9C03.C18.p1.np | chromo(HMM:0.043) |
| 20961 | OJ990517_22.9B05.C15.p4.np | chromo(HMM:4e-19) |
| 20962 | OJ990605_38.9B05.C5.p3.np | chromo(HMM:0.038) |
| 20963 | OJ990605_38.9B05.C5.p4.np | chromo(HMM:0.038) |
| 20964 | OJ990620_40.9920.C5.p1.np | chromo(HMM:0.043) |
| 20965 | OJ990628_07.0419.C22.p1.np | chromo(HMM:0.017) |
| 20966 | OJ990701_14.9B19.C6.p3.np | chromo(HMM:0.067) |
| 20967 | OJ990808_54.0421.C8.p1.np | chromo(HMM:0.0061) |
| 20968 | OJ990808_54.9C20.C9.p1.np | chromo(HMM:0.0061) |
| 20969 | OJ990820_03.0303.C20.p1.np | chromo(HMM:0.027) |
| 20970 | OJ990820_06.0215.C16.p1.np | chromo(HMM:0.13) |
| 20971 | OJ990824_07.9B18.C20.p2.np | chromo(HMM:0.094) |
| 20972 | OJ990915_07.9C03.C2.p1.np | chromo(HMM:0.007) |
| 20973 | OJ990924_17.0211.C23.p1.np | chromo(HMM:0.0019) |
| 20974 | OJ991029_01.0128.C4.p1.np | chromo(HMM:0.065) |
| 20975 | OJ991106_42.0103.C5.p1.np | chromo(HMM:0.2) |
| 20976 | OJ991118_06.0131.C33.p1.np | chromo(HMM:0.021) |
| 20977 | OJ991119_03.0225.C20.p1.np | chromo(HMM:0.002) |
| 20978 | OJ991119_13.0207.C40.p2.np | chromo(HMM:0.094) |
| 20979 | OJ991120_34.0419.C19.p2.np | chromo(HMM:0.0044) |
| 20980 | OJ991211_50.0403.C22.p1.np | chromo(HMM:0.0044) |
| 20981 | OJ991215_09.0118.C3.p1.np | chromo(HMM:0.00035) |
| 20982 | OJ000207_17.0306.C16.p1.np | chromo(HMM:0.032),snf2_n(HMM:6e-05) |
| 20983 | OJ000207_17.0323.C14.p1.np | chromo(HMM:0.056),snf2_n(HMM:2.6e-118) |
| 20984 | OJ000404_02.0421.C47.p1.np | chromo(HMM:3.8e-09),snf2_n(HMM:7.2e-27) |
| 20985 | OJ000110_17.0410.C4.p1.np | chromo(HMM:0.043),zf-cchc(HMM:0.00058) |
| 20986 | OJ000110_17.0420.C3.p1.np | chromo(HMM:0.043),zf-cchc(HMM:0.00058) |
| 20987 | OJ000110_17.0426.C3.p1.np | chromo(HMM:0.043),zf-cchc(HMM:0.00058) |
| 20988 | OJ990317_04.0128.C22.p1.np | chromo(HMM:0.09),zf-cchc(HMM:0.0017) |
| 20989 | OJ990317_04.0421.C23.p1.np | chromo(HMM:0.09),zf-cchc(HMM:0.0017) |
| 20990 | OJ990909_15.9C10.C18.p2.np | chromo(HMM:0.1),zf-cchc(HMM:5.2e-06) |
| 20991 | OJ000221_07.0323.C1.p3.np | csd(HMM:3.6e-06) |
| 20992 | OJ000320_28.0419.C12.p2.np | csd(HMM:5.4e-15) |
| 20993 | OJ000324_26.0412.C2.p1.np | csd(HMM:5.4e-15) |
| 20994 | OJ000324_26.0420.C25.p2.np | csd(HMM:5.4e-15) |
| 20995 | OJ000350_68.0327.C8.p1.np | csd(HMM:1.5e-12) |
| 20996 | OJ000204_09.0306.C8.p1.np | csd(HMM:0.0011),zf-cchc(HMM:4.6e-23) |
| 20997 | OJ000350_34.0310.C21.p3.np | csd(HMM:5.3e-11),zf-cchc(HMM:7.9e-17) |

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| 20998 | OJ990414_07.9B12.C32.p2.np | csd(HMM:1.6e-12),zf-cchc(HMM:7.9e-17) |
| 20999 | OJ990810_16.0310.C49.p3.np | csd(HMM:5.3e-11),zf-cchc(HMM:7.9e-17) |
| 21000 | OJ000114_11.0217.C20.p2.np | dof(HMM:1.6e-35) |
| 21001 | OJ000118_11.0307.C7.p2.np | dof(HMM:1.2e-36) |
| 21002 | OJ000121_12.0309.C41.p1.np | dof(HMM:4e-10) |
| 21003 | OJ000150_07.0124.C31.p6.np | dof(HMM:2.5e-36) |
| 21004 | OJ000150_28.0124.C56.p3.np | dof(HMM:4.6e-36) |
| 21005 | OJ000150_28.0323.C56.p3.np | dof(HMM:4.6e-36) |
| 21006 | OJ000229_23.0323.C24.p1.np | dof(HMM:4.3e-05) |
| 21007 | OJ000250_54.0309.C16.p1.np | dof(HMM:4e-10) |
| 21008 | OJ000250_57.0214.C4.p1.np | dof(HMM:3.8e-36) |
| 21009 | OJ000250_57.0310.C3.p2.np | dof(HMM:3.8e-36) |
| 21010 | OJ000250_91.0405.C27.p1.np | dof(HMM:1.7e-21) |
| 21011 | OJ000301_03.0404.C7.p1.np | dof(HMM:5.8e-35) |
| 21012 | OJ000310_11.0411.C11.p1.np | dof(HMM:1.6e-35) |
| 21013 | OJ000310_11.0420.C15.p1.np | dof(HMM:1.6e-35) |
| 21014 | OJ000314_08.0414.C2.p3.np | dof(HMM:1.9e-37) |
| 21015 | OJ000324_25.0420.C17.p1.np | dof(HMM:4.6e-35) |
| 21016 | OJ000331_17.0424.C2.p1.np | dof(HMM:3.8e-36) |
| 21017 | OJ000331_17.0426.C2.p1.np | dof(HMM:3.8e-36) |
| 21018 | OJ000331_23.0421.C27.p1.np | dof(HMM:4.6e-35) |
| 21019 | OJ990311_11.9819.C53.p1.np | dof(HMM:1.7e-21) |
| 21020 | OJ990318_18.9819.C17.p2.np | dof(HMM:3.2e-36) |
| 21021 | OJ990402_31.9C10.C13.p1.np | dof(HMM:1.1e-25) |
| 21022 | OJ990415_01.9922.C21.p1.np | dof(HMM:5.2e-34) |
| 21023 | OJ990415_07.9C03.C28.p1.np | dof(HMM:4.6e-35) |
| 21024 | OJ990416_02.9923.C2.p2.np | dof(HMM:4.9e-35) |
| 21025 | OJ990527_26.9C10.C2.p4.np | dof(HMM:8.3e-36) |
| 21026 | OJ990617_13.9B24.C11.p2.np | dof(HMM:2.5e-36) |
| 21027 | OJ990817_14.9B08.C6.p2.np | dof(HMM:4.6e-35) |
| 21028 | OJ990821_56.9C20.C15.p1.np | dof(HMM:5.8e-36) |
| 21029 | OJ991008_09.0106.C10.p8.np | dof(HMM:6.5e-31) |
| 21030 | OJ991111_16.0103.C2.p5.np | dof(HMM:3.2e-36) |
| 21031 | OJ000102_56.0407.C45.p8.np | dpb(HMM:1.4e-59) |
| 21032 | OJ000102_56.0426.C45.p8.np | dpb(HMM:1.4e-59) |
| 21033 | OJ000210_24.0316.C6.p2.np | dpb(HMM:3.5e-10) |
| 21034 | OJ000251_42.0328.C15.p1.np | dpb(HMM:1.4e-59) |
| 21035 | OJ000302_09.0414.C5.p1.np | dpb(HMM:4.2e-12) |
| 21036 | OJ000320_08.0419.C16.p1.np | dpb(HMM:4.6e-10) |
| 21037 | OJ000321_24.0419.C33.p1.np | dpb(HMM:0.00083) |
| 21038 | OJ000322_14.0424.C8.p4.np | dpb(HMM:0.00047) |
| 21039 | OJ000324_22.0424.C26.p3.np | dpb(HMM:1.1e-07) |
| 21040 | OJ000324_24.0419.C28.p2.np | dpb(HMM:1.1e-07) |
| 21041 | OJ000330_03.0419.C6.p1.np | dpb(HMM:0.00038) |
| 21042 | OJ000404_20.0424.C15.p2.np | dpb(HMM:1.9e-05) |
| 21043 | OJ990402_30.9819.C6.p3.np | dpb(HMM:0.031) |
| 21044 | OJ990412_06.9922.C11.p2.np | dpb(HMM:4.7e-10) |
| 21045 | OJ990601_07.9B12.C47.p1.np | dpb(HMM:6.5e-20) |
| 21046 | OJ990630_02.9C01.C9.p2.np | dpb(HMM:4.6e-10) |
| 21047 | OJ990708_04.9A01.C9.p2.np | dpb(HMM:0.00013) |
| 21048 | OJ000313_33.0421.C9.p1.np | enbp(HMM:7.2e-09) |
| 21049 | OJ000314_07.0411.C10.p1.np | enbp(HMM:8.6e-28) |

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| 21050 | OJ000314_07.0411.C11.p1.np | enbp(HMM:1.3e-150) |
| 21051 | OJ000321_37.0419.C11.p1.np | enbp(HMM:2e-113) |
| 21052 | OJ000403_07.0421.C4.p1.np | enbp(HMM:0.0013) |
| 21053 | OJ000403_07.0421.C42.p1.np | enbp(HMM:1.8e-22) |
| 21054 | OJ000403_07.0421.C42.p2.np | enbp(HMM:9.7e-17) |
| 21055 | OJ000403_07.0421.C5.p1.np | enbp(HMM:5.3e-05) |
| 21056 | OJ000404_17.0424.C10.p1.np | enbp(HMM:4.2e-10) |
| 21057 | OJ000404_17.0424.C11.p1.np | enbp(HMM:1.6e-13) |
| 21058 | OJ990304_08.9819.C11.p2.np | enbp(HMM:3.5e-182) |
| 21059 | OJ990304_08.9819.C26.p1.np | enbp(HMM:9e-33) |
| 21060 | OJ990323_24.9B12.C9.p1.np | enbp(HMM:1.4e-181) |
| 21061 | OJ990730_11.9B08.C5.p3.np | enbp(HMM:5.5e-201) |
| 21062 | OJ990802_13.9920.C2.p2.np | enbp(HMM:6e-05) |
| 21063 | OJ990802_13.9920.C3.p1.np | enbp(HMM:1.9e-11) |
| 21064 | OJ990808_58.0103.C16.p1.np | enbp(HMM:1.8e-96) |
| 21065 | OJ000110_04.0426.C10.p2.np | gata(HMM:3.8e-11) |
| 21066 | OJ000118_20.0222.C15.p1.np | gata(HMM:2e-15) |
| 21067 | OJ000150_12.0124.C34.p1.np | gata(HMM:1.7e-12) |
| 21068 | OJ000208_10.0331.C30.p2.np | gata(HMM:4.1e-08) |
| 21069 | OJ000209_08.0309.C5.p3.np | gata(HMM:5.6e-15) |
| 21070 | OJ000214_09.0321.C2.p1.np | gata(HMM:0.01) |
| 21071 | OJ000221_24.0315.C6.p3.np | gata(HMM:0.0032) |
| 21072 | OJ000222_20.0403.C2.p1.np | gata(HMM:1.4e-06) |
| 21073 | OJ000316_27.0419.C40.p1.np | gata(HMM:7.9e-05) |
| 21074 | OJ000330_40.0424.C5.p2.np | gata(HMM:1.4e-13) |
| 21075 | OJ000350_56.0322.C4.p4.np | gata(HMM:0.017) |
| 21076 | OJ990323_29.9A15.C6.p6.np | gata(HMM:4.1e-16) |
| 21077 | OJ990407_07.9922.C18.p1.np | gata(HMM:2e-06) |
| 21078 | OJ990410_27.9922.C3.p3.np | gata(HMM:1.3e-16) |
| 21079 | OJ990503_28.9924.C3.p1.np | gata(HMM:2e-18) |
| 21080 | OJ990605_39.0420.C9.p3.np | gata(HMM:3.2e-15) |
| 21081 | OJ990605_39.9921.C29.p1.np | gata(HMM:3.2e-15) |
| 21082 | OJ990605_41.0225.C5.p4.np | gata(HMM:2.7e-17) |
| 21083 | OJ990612_46.9903.C3.p5.np | gata(HMM:3.2e-15) |
| 21084 | OJ990709_14.9B05.C7.p3.np | gata(HMM:4.1e-16) |
| 21085 | OJ990730_03.9C10.C8.p2.np | gata(HMM:3.3e-12) |
| 21086 | OJ990803_12.0103.C5.p2.np | gata(HMM:2.4e-13) |
| 21087 | OJ990810_08.0103.C11.p1.np | gata(HMM:3.8e-16) |
| 21088 | OJ990810_10.9C23.C5.p1.np | gata(HMM:0.071) |
| 21089 | OJ990822_52.0128.C16.p1.np | gata(HMM:1.6e-15) |
| 21090 | OJ990825_16.0303.C16.p1.np | gata(HMM:0.00072) |
| 21091 | OJ990903_01.9B08.C6.p1.np | gata(HMM:4.9e-11) |
| 21092 | OJ990914_05.9B19.C6.p2.np | gata(HMM:1.7e-12) |
| 21093 | OJ990915_16.9A18.C8.p1.np | gata(HMM:5.6e-05) |
| 21094 | OJ990924_06.9C01.C6.p1.np | gata(HMM:1.9e-14) |
| 21095 | OJ991102_02.0223.C19.p1.np | gata(HMM:0.01) |
| 21096 | OJ991119_10.0222.C60.p2.np | gata(HMM:0.017) |
| 21097 | OJ991120_31.0103.C10.p1.np | gata(HMM:2e-06) |
| 21098 | OJ991122_10.0419.C12.p1.np | gata(HMM:0.00091) |
| 21099 | OJ991217_07.0114.C4.p2.np | gata(HMM:2e-06) |
| 21100 | OJ991217_14.0118.C2.p1.np | gata(HMM:2.4e-15) |
| 21101 | OJ000112_10.0210.C18.p1.np | gld-tea(HMM:2.2e-33) |
| 21102 | OJ000112_10.0210.C18.p2.np | gld-tea(HMM:2.2e-33) |
| 21103 | OJ000112_10.0426.C18.p1.np | gld-tea(HMM:2.2e-33) |

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| 21104 | OJ000112_10.0426.C18.p2.np | gld-tea(HMM:2.2e-33) |
| 21105 | OJ000121_09.0323.C3.p1.np | gld-tea(HMM:4.3e-29) |
| 21106 | OJ000122_31.0321.C19.p1.np | gld-tea(HMM:2.2e-36) |
| 21107 | OJ000203_01.0222.C13.p1.np | gld-tea(HMM:0.0034) |
| 21108 | OJ000208_22.0323.C4.p1.np | gld-tea(HMM:9.4e-36) |
| 21109 | OJ000208_25.0419.C36.p2.np | gld-tea(HMM:8e-39) |
| 21110 | OJ000217_01.0308.C1.p1.np | gld-tea(HMM:8.3e-31) |
| 21111 | OJ000223_02.0405.C6.p8.np | gld-tea(HMM:1.7e-27) |
| 21112 | OJ000301_18.0330.C13.p6.np | gld-tea(HMM:6.1e-19) |
| 21113 | OJ000301_18.0330.C14.p1.np | gld-tea(HMM:9.2e-33) |
| 21114 | OJ000301_24.0403.C8.p2.np | gld-tea(HMM:8.4e-37) |
| 21115 | OJ000302_27.0419.C18.p1.np | gld-tea(HMM:1.2e-22) |
| 21116 | OJ000306_08.0419.C54.p1.np | gld-tea(HMM:4.8e-31) |
| 21117 | OJ000315_24.0419.C11.p2.np | gld-tea(HMM:0.0024) |
| 21118 | OJ000324_21.0420.C15.p1.np | gld-tea(HMM:2.4e-32) |
| 21119 | OJ000324_23.0420.C82.p1.np | gld-tea(HMM:6.2e-10) |
| 21120 | OJ000327_03.0419.C6.p1.np | gld-tea(HMM:6.5e-09) |
| 21121 | OJ000331_01.0419.C14.p1.np | gld-tea(HMM:0.0019) |
| 21122 | OJ000350_33.0314.C7.p2.np | gld-tea(HMM:1.6e-21) |
| 21123 | OJ000350_52.0314.C10.p1.np | gld-tea(HMM:2.8e-28) |
| 21124 | OJ000403_28.0424.C3.p3.np | gld-tea(HMM:5.8e-32) |
| 21125 | OJ990304_01.9819.C2.p1.np | gld-tea(HMM:2.8e-28) |
| 21126 | OJ990319_11.0419.C5.p2.np | gld-tea(HMM:2.8e-28) |
| 21127 | OJ990319_11.9524.C24.p1.np | gld-tea(HMM:2.8e-28) |
| 21128 | OJ990402_21.9819.C29.p1.np | gld-tea(HMM:1.4e-36) |
| 21129 | OJ990419_11.9923.C13.p2.np | gld-tea(HMM:0.064) |
| 21130 | OJ990419_11.9923.C14.p1.np | gld-tea(HMM:0.094) |
| 21131 | OJ990527_24.9A20.C51.p1.np | gld-tea(HMM:1.3e-19) |
| 21132 | OJ990527_26.9C10.C8.p1.np | gld-tea(HMM:4.4e-30) |
| 21133 | OJ990619_52.0211.C11.p4.np | gld-tea(HMM:1.5e-32) |
| 21134 | OJ990712_05.9919.C3.p2.np | gld-tea(HMM:9.2e-33) |
| 21135 | OJ990712_05.9919.C4.p2.np | gld-tea(HMM:1.6e-18) |
| 21136 | OJ990714_13.9B05.C13.p5.np | gld-tea(HMM:1.6e-23) |
| 21137 | OJ990716_01.9A11.C2.p3.np | gld-tea(HMM:2.2e-22) |
| 21138 | OJ990720_10.9C17.C21.p1.np | gld-tea(HMM:3.1e-39) |
| 21139 | OJ990728_08.0114.C13.p3.np | gld-tea(HMM:2.8e-28) |
| 21140 | OJ990729_07.0110.C19.p1.np | gld-tea(HMM:1.6e-23) |
| 21141 | OJ990821_56.9C20.C17.p1.np | gld-tea(HMM:4.7e-33) |
| 21142 | OJ990824_13.9B12.C4.p1.np | gld-tea(HMM:1e-20) |
| 21143 | OJ990830_10.9C13.C13.p1.np | gld-tea(HMM:1.3e-32) |
| 21144 | OJ990916_14.0103.C9.p1.np | gld-tea(HMM:5.8e-32) |
| 21145 | OJ990916_15.9B22.C51.p1.np | gld-tea(HMM:0.015) |
| 21146 | OJ990917_09.9A29.C20.p1.np | gld-tea(HMM:6.7e-05) |
| 21147 | OJ990917_09.9A29.C21.p1.np | gld-tea(HMM:0.055) |
| 21148 | OJ991107_35.0421.C13.p2.np | gld-tea(HMM:7e-32) |
| 21149 | OJ991107_35.9C20.C12.p2.np | gld-tea(HMM:7e-32) |
| 21150 | OJ991107_37.0113.C63.p2.np | gld-tea(HMM:4.8e-31) |
| 21151 | OJ991107_37.0421.C63.p2.np | gld-tea(HMM:4.8e-31) |
| 21152 | OJ991113_35.0112.C2.p4.np | gld-tea(HMM:4.6e-29) |
| 21153 | OJ991122_09.0330.C3.p1.np | gld-tea(HMM:6.1e-32) |
| 21154 | OJ991122_10.0419.C40.p1.np | gld-tea(HMM:4.2e-36) |
| 21155 | OJ991217_10.0218.C4.p6.np | gld-tea(HMM:3.1e-39) |
| 21156 | OJ991226_49.0317.C6.p1.np | gld-tea(HMM:1.2e-30) |
| 21157 | OJ000214_08.0419.C4.p1.np | gld-tea(HMM:0.1),myb_dna- |

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| 21158 | OJ000323_38.0418.C14.p5.np | binding(HMM:7.4e-13) gld-tea(HMM:0.1),myb_dna-binding(HMM:7.4e-13) |
| 21159 | OJ990520_01.9B12.C33.p1.np | gld-tea(HMM:0.1),myb_dna-binding(HMM:7.4e-13) |
| 21160 | OJ990730_08.9C10.C3.p4.np | gld-tea(HMM:0.1),myb_dna-binding(HMM:7.4e-13) |
| 21161 | OJ990820_14.0223.C19.p1.np | gld-tea(HMM:0.0066),myb_dna-binding(HMM:1.3e-13) |
| 21162 | OJ000216_09.0330.C8.p4.np | gld-tea(HMM:1e-42),response_reg(HMM:1.9e-33) |
| 21163 | OJ000251_22.0403.C12.p4.np | gld-tea(HMM:1e-42),response_reg(HMM:1.9e-33) |
| 21164 | OJ000404_02.0421.C26.p1.np | gld-tea(HMM:1.3e-30),response_reg(HMM:7.9e-29) |
| 21165 | OJ990501_20.9819.C2.p1.np | gld-tea(HMM:1e-42),response_reg(HMM:7.8e-34) |
| 21166 | OJ990701_01.9919.C5.p1.np | gld-tea(HMM:1.5e-43),response_reg(HMM:7.2e-30) |
| 21167 | OJ000321_24.0419.C22.p1.np | hhh(HMM:2.6e-08) |
| 21168 | OJ000105_01.0127.C7.p2.np | hist_deacetyl(HMM:2.8e-11) |
| 21169 | OJ000105_01.0426.C7.p2.np | hist_deacetyl(HMM:2.8e-11) |
| 21170 | OJ000122_66.0419.C16.p1.np | hist_deacetyl(HMM:0.00052) |
| 21171 | OJ000122_66.0419.C4.p1.np | hist_deacetyl(HMM:6.4e-17) |
| 21172 | OJ000150_15.0124.C21.p1.np | hist_deacetyl(HMM:3.3e-14) |
| 21173 | OJ000210_14.0404.C28.p2.np | hist_deacetyl(HMM:1.4e-146) |
| 21174 | OJ000250_51.0211.C7.p7.np | hist_deacetyl(HMM:1.2e-164) |
| 21175 | OJ000307_27.0419.C16.p2.np | hist_deacetyl(HMM:1.9e-120) |
| 21176 | OJ000314_36.0419.C12.p3.np | hist_deacetyl(HMM:3.4e-39) |
| 21177 | OJ000350_38.0313.C18.p1.np | hist_deacetyl(HMM:4.1e-82) |
| 21178 | OJ000403_18.0419.C17.p3.np | hist_deacetyl(HMM:1.9e-120) |
| 21179 | OJ990316_16.9819.C16.p1.np | hist_deacetyl(HMM:0.094) |
| 21180 | OJ990427_24.9922.C4.p2.np | hist_deacetyl(HMM:3.6e-168) |
| 21181 | OJ990427_24.9922.C5.p1.np | hist_deacetyl(HMM:3.9e-177) |
| 21182 | OJ990427_27.9922.C4.p6.np | hist_deacetyl(HMM:1.6e-78) |
| 21183 | OJ990504_03.0419.C129.p2.np | hist_deacetyl(HMM:4.7e-11) |
| 21184 | OJ990520_23.0103.C9.p1.np | hist_deacetyl(HMM:2.9e-183) |
| 21185 | OJ991027_09.0207.C11.p1.np | hist_deacetyl(HMM:2.1e-12) |
| 21186 | OJ991106_37.0419.C17.p1.np | hist_deacetyl(HMM:2e-06) |
| 21187 | OJ000114_27.0419.C27.p1.np | histone(HMM:7.6e-46) |
| 21188 | OJ000118_20.0222.C10.p1.np | histone(HMM:1.7e-05) |
| 21189 | OJ000208_20.0301.C14.p1.np | histone(HMM:0.0033) |
| 21190 | OJ000209_23.0320.C2.p2.np | histone(HMM:4.2e-09) |
| 21191 | OJ000214_10.0404.C1.p1.np | histone(HMM:3e-45) |
| 21192 | OJ000214_13.0320.C12.p2.np | histone(HMM:3e-45) |
| 21193 | OJ000214_13.0320.C15.p1.np | histone(HMM:2.9e-45) |
| 21194 | OJ000221_01.0313.C19.p2.np | histone(HMM:1.6e-44) |
| 21195 | OJ000223_11.0405.C25.p1.np | histone(HMM:0.018) |
| 21196 | OJ000251_33.0331.C27.p1.np | histone(HMM:1.5e-42) |
| 21197 | OJ000251_33.0331.C30.p2.np | histone(HMM:2.9e-45) |
| 21198 | OJ000301_03.0404.C12.p2.np | histone(HMM:1.4e-47) |
| 21199 | OJ000310_11.0411.C19.p1.np | histone(HMM:5.5e-49) |
| 21200 | OJ000310_11.0420.C7.p2.np | histone(HMM:5.5e-49) |
| 21201 | OJ000310_23.0419.C46.p1.np | histone(HMM:9e-47) |

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| 21202 | OJ000310_29.0412.C34.p1.np | histone(HMM:1.5e-46) |
| 21203 | OJ000310_29.0412.C36.p1.np | histone(HMM:4.7e-11) |
| 21204 | OJ000310_29.0412.C58.p2.np | histone(HMM:2e-45) |
| 21205 | OJ000310_29.0420.C19.p1.np | histone(HMM:1.5e-46) |
| 21206 | OJ000310_29.0420.C52.p2.np | histone(HMM:2e-45) |
| 21207 | OJ000320_11.0419.C32.p1.np | histone(HMM:7.9e-23) |
| 21208 | OJ000330_11.0419.C49.p2.np | histone(HMM:1.4e-46) |
| 21209 | OJ000403_16.0419.C12.p1.np | histone(HMM:1.4e-12) |
| 21210 | OJ000403_16.0419.C7.p1.np | histone(HMM:1.4e-47) |
| 21211 | OJ000404_22.0424.C15.p3.np | histone(HMM:1.5e-45) |
| 21212 | OJ990105_06.9819.C16.p1.np | histone(HMM:8.3e-13) |
| 21213 | OJ990304_01.9819.C8.p2.np | histone(HMM:2.5e-24) |
| 21214 | OJ990409_11.9922.C8.p1.np | histone(HMM:1.4e-10) |
| 21215 | OJ990409_11.9922.C9.p1.np | histone(HMM:1.7e-10) |
| 21216 | OJ990409_11.9922.C9.p3.np | histone(HMM:2e-39) |
| 21217 | OJ990428_07.9C10.C2.p2.np | histone(HMM:1.3e-46) |
| 21218 | OJ990428_07.9C10.C24.p1.np | histone(HMM:3.6e-36) |
| 21219 | OJ990428_07.9C10.C52.p2.np | histone(HMM:2e-45) |
| 21220 | OJ990429_12.9819.C28.p1.np | histone(HMM:1.9e-12) |
| 21221 | OJ990602_12.0421.C22.p1.np | histone(HMM:0.78) |
| 21222 | OJ990602_12.9C22.C25.p1.np | histone(HMM:7.6) |
| 21223 | OJ990602_12.9C22.C26.p1.np | histone(HMM:0.78) |
| 21224 | OJ990621_11.0419.C23.p1.np | histone(HMM:1.4e-47) |
| 21225 | OJ990701_02.9922.C3.p3.np | histone(HMM:1.4e-47) |
| 21226 | OJ990701_02.9922.C3.p7.np | histone(HMM:6.9e-45) |
| 21227 | OJ990701_02.9922.C4.p4.np | histone(HMM:1.4e-47) |
| 21228 | OJ990701_02.9922.C4.p5.np | histone(HMM:1.4e-47) |
| 21229 | OJ990713_03.9A01.C6.p4.np | histone(HMM:1.4e-47) |
| 21230 | OJ990721_07.0211.C6.p2.np | histone(HMM:2e-39) |
| 21231 | OJ990726_04.9C03.C3.p6.np | histone(HMM:1.5e-45) |
| 21232 | OJ990907_15.9C03.C5.p1.np | histone(HMM:6e-45) |
| 21233 | OJ990923_08.9B08.C5.p1.np | histone(HMM:1.5e-46) |
| 21234 | OJ990923_08.9B08.C7.p2.np | histone(HMM:1.8e-47) |
| 21235 | OJ990923_08.9B08.C9.p2.np | histone(HMM:4.8e-46) |
| 21236 | OJ991019_09.0211.C9.p2.np | histone(HMM:2.8e-36) |
| 21237 | OJ991019_09.0211.C9.p5.np | histone(HMM:1e-39) |
| 21238 | OJ991110_03.0120.C6.p1.np | histone(HMM:1.2e-45) |
| 21239 | OJ991111_08.0307.C11.p2.np | histone(HMM:2.5e-24) |
| 21240 | OJ991201_10.0421.C14.p3.np | histone(HMM:9.3e-05) |
| 21241 | OJ991201_10.9C29.C15.p1.np | histone(HMM:9.3e-05) |
| 21242 | OJ991201_12.0421.C3.p1.np | histone(HMM:1.6e-08) |
| 21243 | OJ991201_12.9C29.C3.p1.np | histone(HMM:1.6e-08) |
| 21244 | OJ991210_12.0112.C8.p1.np | histone(HMM:4.8e-46) |
| 21245 | OJ991210_12.0112.C9.p1.np | histone(HMM:2e-45) |
| 21246 | OJ991214_04.0114.C8.p2.np | histone(HMM:0.0025) |
| 21247 | OJ991215_12.0128.C1.p1.np | histone(HMM:4.8e-46) |
| 21248 | OJ991215_12.0128.C5.p1.np | histone(HMM:2e-45) |
| 21249 | OJ991220_02.0127.C10.p5.np | histone(HMM:1.4e-47) |
| 21250 | OJ991220_02.0127.C10.p9.np | histone(HMM:2.6e-46) |
| 21251 | OJ000103_04.0303.C9.p3.np | hlh(HMM:0.0012) |
| 21252 | OJ000103_04.0426.C9.p3.np | hlh(HMM:0.0012) |
| 21253 | OJ000110_10.0217.C2.p2.np | hlh(HMM:2.4e-10) |
| 21254 | OJ000110_10.0426.C2.p2.np | hlh(HMM:2.4e-10) |
| 21255 | OJ000110_18.0301.C7.p4.np | hlh(HMM:3.8e-06) |

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| 21364 | OJ991007_18.0120.C6.p1.np | hlh(HMM:1.3e-13) |
| 21365 | OJ991011_02.9C30.C7.p2.np | hlh(HMM:6.9e-05) |
| 21366 | OJ991013_07.0223.C22.p1.np | hlh(HMM:7.3e-16) |
| 21367 | OJ991013_07.0317.C13.p1.np | hlh(HMM:7.3e-16) |
| 21368 | OJ991020_06.0215.C16.p2.np | hlh(HMM:1.8e-12) |
| 21369 | OJ991020_06.0303.C13.p2.np | hlh(HMM:1.8e-12) |
| 21370 | OJ991022_15.0207.C2.p2.np | hlh(HMM:0.011) |
| 21371 | OJ991107_44.0421.C5.p1.np | hlh(HMM:1.2e-16) |
| 21372 | OJ991107_44.9C27.C5.p1.np | hlh(HMM:1.2e-16) |
| 21373 | OJ991112_08.0421.C7.p3.np | hlh(HMM:9.7e-08) |
| 21374 | OJ991112_08.9C22.C7.p3.np | hlh(HMM:9.7e-08) |
| 21375 | OJ991112_13.0110.C6.p3.np | hlh(HMM:4.8e-09) |
| 21376 | OJ991113_35.0112.C1.p1.np | hlh(HMM:0.07) |
| 21377 | OJ991117_06.0419.C10.p1.np | hlh(HMM:1.4e-09) |
| 21378 | OJ991117_15.0331.C12.p3.np | hlh(HMM:0.0022) |
| 21379 | OJ991121_30.0419.C21.p1.np | hlh(HMM:0.00011) |
| 21380 | OJ991122_05.0210.C14.p1.np | hlh(HMM:0.0021) |
| 21381 | OJ991122_05.0303.C7.p1.np | hlh(HMM:0.0021) |
| 21382 | OJ991122_05.0421.C7.p1.np | hlh(HMM:0.0021) |
| 21383 | OJ991201_08.9C23.C2.p2.np | hlh(HMM:1.4e-07) |
| 21384 | OJ991202_07.0421.C6.p4.np | hlh(HMM:2e-15) |
| 21385 | OJ991202_07.9C30.C7.p1.np | hlh(HMM:2e-15) |
| 21386 | OJ991206_16.0112.C15.p1.np | hlh(HMM:4.1e-07) |
| 21387 | OJ991208_04.0128.C20.p1.np | hlh(HMM:1.1e-09) |
| 21388 | OJ991209_10.0119.C6.p1.np | hlh(HMM:0.0098) |
| 21389 | OJ991210_01.0110.C3.p3.np | hlh(HMM:1.1e-09) |
| 21390 | OJ991214_10.0222.C3.p1.np | hlh(HMM:1.1e-06) |
| 21391 | OJ991217_13.0118.C13.p1.np | hlh(HMM:1e-07) |
| 21392 | OJ991225_72.0322.C6.p1.np | hlh(HMM:6.9e-05) |
| 21393 | OJ991226_45.0419.C5.p2.np | hlh(HMM:2e-08) |
| 21394 | OJ990317_09.0421.C23.p1.np | hlh(HMM:6.8e-10),set(HMM:4.3e-57) |
| 21395 | OJ990317_09.9C20.C23.p1.np | hlh(HMM:6.8e-10),set(HMM:4.3e-57) |
| 21396 | OJ990808_40.0419.C3.p1.np | hlh_e2f(5.2e-05) |
| 21397 | OJ990818_07.9920.C6.p3.np | hlh_e2f(1.8e-20) |
| 21398 | OJ990823_03.9B19.C7.p1.np | hlh_e2f(1.8e-20) |
| 21399 | OJ990907_02.9B19.C4.p1.np | hlh_e2f(3.3e-18) |
| 21400 | OJ990907_02.9B19.C5.p1.np | hlh_e2f(3.0e-17) |
| 21401 | OJ991214_12.0114.C3.p1.np | hlh_e2f(1.8e-20) |
| 21402 | OJ000207_07.0224.C7.p6.np | hmg_box(HMM:3.5e-22) |
| 21403 | OJ000250_31.0217.C44.p2.np | hmg_box(HMM:0.88) |
| 21404 | OJ000302_07.0407.C9.p2.np | hmg_box(HMM:5.9e-19) |
| 21405 | OJ000307_28.0417.C11.p4.np | hmg_box(HMM:6.9e-05) |
| 21406 | OJ000316_21.0424.C41.p1.np | hmg_box(HMM:0.0076) |
| 21407 | OJ000316_26.0419.C70.p1.np | hmg_box(HMM:5.4e-27) |
| 21408 | OJ000316_28.0418.C67.p1.np | hmg_box(HMM:5.4e-27) |
| 21409 | OJ000330_14.0419.C29.p1.np | hmg_box(HMM:0.0051) |
| 21410 | OJ000113_04.0302.C7.p2.np | homeobox(HMM:5e-12) |
| 21411 | OJ000113_04.0426.C7.p2.np | homeobox(HMM:4.3e-14) |
| 21412 | OJ000113_08.0215.C5.p1.np | homeobox(HMM:0.0098) |
| 21413 | OJ000113_08.0426.C5.p1.np | homeobox(HMM:0.0098) |
| 21414 | OJ000113_18.0328.C7.p4.np | homeobox(HMM:1.1e-08) |
| 21415 | OJ000114_24.0315.C2.p8.np | homeobox(HMM:0.0098) |

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| 21416 | OJ000150_28.0124.C57.p1.np | homeobox(HMM:3e-19) |
| 21417 | OJ000150_28.0323.C57.p1.np | homeobox(HMM:3e-19) |
| 21418 | OJ000150_30.0124.C55.p3.np | homeobox(HMM:2.1e-14) |
| 21419 | OJ000150_30.0323.C55.p3.np | homeobox(HMM:2.1e-14) |
| 21420 | OJ000208_05.0322.C25.p1.np | homeobox(HMM:3.5) |
| 21421 | OJ000210_26.0317.C14.p1.np | homeobox(HMM:4.2e-15) |
| 21422 | OJ000211_10.0403.C3.p5.np | homeobox(HMM:4.5e-07) |
| 21423 | OJ000214_08.0419.C32.p1.np | homeobox(HMM:1.5e-17) |
| 21424 | OJ000217_15.0419.C13.p2.np | homeobox(HMM:1.1e-08) |
| 21425 | OJ000223_03.0330.C7.p1.np | homeobox(HMM:1.5e-15) |
| 21426 | OJ000223_19.0403.C4.p1.np | homeobox(HMM:0.069) |
| 21427 | OJ000250_01.0308.C13.p1.np | homeobox(HMM:4.9e-20) |
| 21428 | OJ000250_01.0414.C13.p1.np | homeobox(HMM:4.9e-20) |
| 21429 | OJ000250_28.0208.C13.p1.np | homeobox(HMM:4.9e-20) |
| 21430 | OJ000250_46.0211.C15.p1.np | homeobox(HMM:1.3e-18) |
| 21431 | OJ000250_46.0303.C13.p1.np | homeobox(HMM:1.3e-18) |
| 21432 | OJ000250_67.0303.C7.p1.np | homeobox(HMM:0.0065) |
| 21433 | OJ000251_47.0320.C3.p1.np | homeobox(HMM:0.044) |
| 21434 | OJ000302_27.0419.C2.p1.np | homeobox(HMM:0.0084) |
| 21435 | OJ000307_28.0417.C6.p1.np | homeobox(HMM:0.045) |
| 21436 | OJ000310_04.0419.C5.p1.np | homeobox(HMM:1.5e-15) |
| 21437 | OJ000310_08.0419.C22.p1.np | homeobox(HMM:1.1e-20) |
| 21438 | OJ000310_08.0419.C38.p1.np | homeobox(HMM:5.6e-20) |
| 21439 | OJ000313_40.0419.C25.p1.np | homeobox(HMM:5.9e-19) |
| 21440 | OJ000314_03.0412.C12.p6.np | homeobox(HMM:6.2e-21) |
| 21441 | OJ000314_08.0414.C5.p1.np | homeobox(HMM:9.5e-19) |
| 21442 | OJ000315_19.0413.C2.p1.np | homeobox(HMM:1.6e-17) |
| 21443 | OJ000315_19.0420.C2.p1.np | homeobox(HMM:0.036) |
| 21444 | OJ000315_19.0420.C6.p1.np | homeobox(HMM:2.3e-16) |
| 21445 | OJ000321_19.0419.C20.p1.np | homeobox(HMM:3e-19) |
| 21446 | OJ000321_25.0419.C32.p1.np | homeobox(HMM:0.0073) |
| 21447 | OJ000321_31.0411.C6.p2.np | homeobox(HMM:0.044) |
| 21448 | OJ000321_40.0419.C14.p1.np | homeobox(HMM:4.9e-20) |
| 21449 | OJ000323_38.0418.C18.p1.np | homeobox(HMM:3.1e-13) |
| 21450 | OJ000330_27.0421.C5.p1.np | homeobox(HMM:0.069) |
| 21451 | OJ990203_05.9819.C19.p5.np | homeobox(HMM:3.8e-19) |
| 21452 | OJ990315_09.0128.C13.p1.np | homeobox(HMM:5.6e-20) |
| 21453 | OJ990315_09.0128.C20.p1.np | homeobox(HMM:1.5e-17) |
| 21454 | OJ990315_09.0421.C13.p1.np | homeobox(HMM:5.6e-20) |
| 21455 | OJ990315_09.0421.C19.p1.np | homeobox(HMM:1.5e-17) |
| 21456 | OJ990331_01.9922.C10.p4.np | homeobox(HMM:7.7e-19) |
| 21457 | OJ990408_08.9B12.C19.p1.np | homeobox(HMM:4.6e-18) |
| 21458 | OJ990427_03.9927.C15.p2.np | homeobox(HMM:7.4e-16) |
| 21459 | OJ990520_01.9B12.C29.p1.np | homeobox(HMM:3.1e-14) |
| 21460 | OJ990526_09.9924.C10.p2.np | homeobox(HMM:0.0067) |
| 21461 | OJ990526_09.9924.C10.p3.np | homeobox(HMM:5.5e-12) |
| 21462 | OJ990526_09.9924.C10.p4.np | homeobox(HMM:0.0067) |
| 21463 | OJ990527_26.9C10.C2.p5.np | homeobox(HMM:0.052) |
| 21464 | OJ990530_35.0103.C54.p1.np | homeobox(HMM:7e-20) |
| 21465 | OJ990530_35.0421.C53.p1.np | homeobox(HMM:7e-20) |
| 21466 | OJ990602_12.0421.C6.p1.np | homeobox(HMM:3.9e-09) |
| 21467 | OJ990602_12.9C22.C8.p1.np | homeobox(HMM:3.9e-09) |
| 21468 | OJ990602_12.9C22.C8.p2.np | homeobox(HMM:8.4e-17) |
| 21469 | OJ990616_05.9A27.C23.p1.np | homeobox(HMM:1.8e-18) |

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| 21470 | OJ990622_10.0128.C10.p1.np | homeobox(HMM:2.4e-06) |
| 21471 | OJ990630_11.9B15.C6.p2.np | homeobox(HMM:4e-20) |
| 21472 | OJ990730_06.0310.C30.p2.np | homeobox(HMM:7e-20) |
| 21473 | OJ990730_06.9921.C21.p1.np | homeobox(HMM:4.1e-19) |
| 21474 | OJ990730_08.9C10.C3.p6.np | homeobox(HMM:3.1e-14) |
| 21475 | OJ990805_01.9B19.C9.p1.np | homeobox(HMM:1.5e-15) |
| 21476 | OJ990810_06.9922.C3.p4.np | homeobox(HMM:7e-20) |
| 21477 | OJ990825_16.0303.C9.p1.np | homeobox(HMM:6.1) |
| 21478 | OJ990830_05.9C06.C14.p1.np | homeobox(HMM:0.0073) |
| 21479 | OJ990921_14.0308.C6.p1.np | homeobox(HMM:4.9e-20) |
| 21480 | OJ990923_14.0228.C79.p2.np | homeobox(HMM:5.5e-19) |
| 21481 | OJ990924_11.0103.C1.p1.np | homeobox(HMM:2.1e-14) |
| 21482 | OJ991022_14.0119.C3.p2.np | homeobox(HMM:0.04) |
| 21483 | OJ991028_10.0118.C10.p1.np | homeobox(HMM:7e-20) |
| 21484 | OJ991102_06.0120.C7.p3.np | homeobox(HMM:1.2e-20) |
| 21485 | OJ991106_43.0105.C2.p2.np | homeobox(HMM:1.1e-20) |
| 21486 | OJ991202_05.0421.C3.p3.np | homeobox(HMM:5.7e-19) |
| 21487 | OJ991202_05.9C30.C3.p3.np | homeobox(HMM:5.7e-19) |
| 21488 | OJ991202_19.0114.C7.p2.np | homeobox(HMM:1.1e-05) |
| 21489 | OJ991202_19.0421.C6.p1.np | homeobox(HMM:3.2e-13) |
| 21490 | OJ991208_02.0106.C5.p9.np | homeobox(HMM:0.0098) |
| 21491 | OJ991209_05.0118.C8.p3.np | homeobox(HMM:2.2e-20) |
| 21492 | OJ991216_02.0218.C8.p1.np | homeobox(HMM:0.008) |
| 21493 | OJ991226_32.0308.C23.p1.np | homeobox(HMM:4.9e-20) |
| 21494 | OJ000111_01.0225.C3.p4.np | homeobox(HMM:0.0081),homeo box_knox3(1.4e-08) |
| 21495 | OJ000111_01.0426.C3.p3.np | homeobox(HMM:0.0081),homeo box_knox3(1.4e-08) |
| 21496 | OJ000113_20.0203.C12.p1.np | homeobox(HMM:0.0029),homeo box_knox3(4.0e-19) |
| 21497 | OJ000118_13.0419.C24.p1.np | homeobox(HMM:0.003),homeob ox_knox3(2.5e-08) |
| 21498 | OJ000150_02.0124.C45.p1.np | homeobox(HMM:0.0023),homeo box_knox3(1.0e-19) |
| 21499 | OJ000217_01.0308.C6.p4.np | homeobox(HMM:0.0033),homeo box_knox3(6.5e-19) |
| 21500 | OJ000221_03.0403.C14.p2.np | homeobox(HMM:0.0038),homeo box_knox3(5.8e-19) |
| 21501 | OJ000301_28.0330.C5.p2.np | homeobox(HMM:0.0081),homeo box_knox3(1.4e-08) |
| 21502 | OJ000323_37.0418.C8.p1.np | homeobox(HMM:0.00047),homeo obox_knox3(2.6e-09) |
| 21503 | OJ990122_01.9819.C3.p1.np | homeobox(HMM:0.00047),homeo obox_knox3(2.5e-09) |
| 21504 | OJ990430_20.9A20.C1.p1.np | homeobox(HMM:0.0038),homeo box_knox3(2.6e-19) |
| 21505 | OJ990430_20.9A20.C7.p2.np | homeobox(HMM:0.0041),homeo box_knox3(7.0e-07) |
| 21506 | OJ990502_22.9A14.C9.p1.np | homeobox(HMM:0.0047),homeo box_knox3(2.3e-08) |
| 21507 | OJ990505_06.9A11.C19.p1.np | homeobox(HMM:0.0023),homeo box_knox3(1.0e-19) |
| 21508 | OJ990729_04.0317.C4.p1.np | homeobox(HMM:0.00047),homeo obox_knox3(2.5e-09) |

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| 21509 | OJ990823_02.9B15.C15.p2.np | homeobox(HMM:0.0081),homeobox_knox3(1.4e-08) |
| 21510 | OJ990826_02.9B04.C17.p4.np | homeobox(HMM:0.0038),homeobox_knox3(5.8e-19) |
| 21511 | OJ991117_11.9C22.C2.p1.np | homeobox(HMM:0.0074),homeobox_knox3(3.0e-08) |
| 21512 | OJ991217_13.0118.C11.p1.np | homeobox(HMM:0.00017),homeobox_knox3(6.5e-10) |
| 21513 | OJ991217_14.0118.C20.p1.np | homeobox(HMM:3.9),homeobox_knox3(0.0004) |
| 21514 | OJ991225_73.0317.C13.p2.np | homeobox(HMM:0.003),homeobox_knox3(4.1e-08) |
| 21515 | OJ990730_04.9920.C7.p1.np | homeobox(HMM:1.2e-18),homeobox_mat(0.0008) |
| 21516 | OJ991116_09.0222.C12.p1.np | homeobox(HMM:1.2e-18),homeobox_mat(0.0008) |
| 21517 | OJ991116_09.0414.C13.p1.np | homeobox(HMM:1.2e-18),homeobox_mat(0.0008) |
| 21518 | OJ000223_11.0405.C13.p1.np | homeobox_knox3(3.4e-05) |
| 21519 | OJ000223_11.0405.C14.p1.np | homeobox_knox3(1.1e-07) |
| 21520 | OJ000114_27.0419.C23.p1.np | hsf_dna-bind(HMM:1.7e-07) |
| 21521 | OJ000204_21.0413.C2.p1.np | hsf_dna-bind(HMM:1.9e-06) |
| 21522 | OJ000204_21.0413.C3.p1.np | hsf_dna-bind(HMM:0.0026) |
| 21523 | OJ000204_22.0419.C11.p2.np | hsf_dna-bind(HMM:0.0015) |
| 21524 | OJ000210_10.0307.C10.p1.np | hsf_dna-bind(HMM:4.5e-49) |
| 21525 | OJ000221_08.0320.C6.p3.np | hsf_dna-bind(HMM:4e-74) |
| 21526 | OJ000310_08.0419.C8.p1.np | hsf_dna-bind(HMM:3.8e-08) |
| 21527 | OJ000310_08.0419.C8.p2.np | hsf_dna-bind(HMM:6.7e-06) |
| 21528 | OJ000314_08.0414.C1.p2.np | hsf_dna-bind(HMM:1.1e-58) |
| 21529 | OJ000320_15.0411.C9.p2.np | hsf_dna-bind(HMM:3.5e-73) |
| 21530 | OJ000320_21.0419.C33.p1.np | hsf_dna-bind(HMM:3.5e-52) |
| 21531 | OJ000323_08.0419.C4.p1.np | hsf_dna-bind(HMM:1.4e-16) |
| 21532 | OJ000323_08.0419.C5.p1.np | hsf_dna-bind(HMM:1.7e-12) |
| 21533 | OJ000323_16.0421.C22.p1.np | hsf_dna-bind(HMM:2.1e-08) |
| 21534 | OJ990315_09.0128.C5.p1.np | hsf_dna-bind(HMM:2.5e-53) |
| 21535 | OJ990315_09.0421.C5.p1.np | hsf_dna-bind(HMM:2.5e-53) |
| 21536 | OJ990423_07.9B01.C25.p1.np | hsf_dna-bind(HMM:2.5e-75) |
| 21537 | OJ990527_20.0419.C45.p3.np | hsf_dna-bind(HMM:4.5e-58) |
| 21538 | OJ990527_23.9C10.C61.p1.np | hsf_dna-bind(HMM:0.24) |
| 21539 | OJ990620_36.9B04.C6.p3.np | hsf_dna-bind(HMM:4.5e-58) |
| 21540 | OJ990626_32.0419.C27.p1.np | hsf_dna-bind(HMM:0.0023) |
| 21541 | OJ990701_01.9919.C7.p1.np | hsf_dna-bind(HMM:4.1e-60) |
| 21542 | OJ990816_07.0225.C4.p1.np | hsf_dna-bind(HMM:1.7e-29) |
| 21543 | OJ990817_12.0103.C2.p2.np | hsf_dna-bind(HMM:4.5e-11) |
| 21544 | OJ990817_12.0103.C3.p1.np | hsf_dna-bind(HMM:7.5e-11) |
| 21545 | OJ990903_04.9B12.C28.p1.np | hsf_dna-bind(HMM:6.3e-09) |
| 21546 | OJ991027_16.0118.C12.p2.np | hsf_dna-bind(HMM:9.7e-57) |
| 21547 | OJ991106_43.0105.C4.p1.np | hsf_dna-bind(HMM:1e-49) |
| 21548 | OJ991114_37.0128.C1.p1.np | hsf_dna-bind(HMM:1.2e-60) |
| 21549 | OJ991121_30.0419.C4.p1.np | hsf_dna-bind(HMM:0.032) |
| 21550 | OJ991202_08.0421.C15.p1.np | hsf_dna-bind(HMM:5.1e-16) |
| 21551 | OJ991202_08.9C30.C14.p1.np | hsf_dna-bind(HMM:5.1e-16) |
| 21552 | OJ991210_11.0121.C16.p1.np | hsf_dna-bind(HMM:1.6e-38) |
| 21553 | OJ991214_05.0214.C9.p2.np | hsf_dna-bind(HMM:4.4e-47) |

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| 21554 | OJ991226_43.0315.C7.p2.np | hsf_dna-bind(HMM:1e-15) |
| 21555 | OJ991226_43.0315.C7.p4.np | hsf_dna-bind(HMM:3.4e-14) |
| 21556 | OJ000107_10.0215.C14.p2.np | iaa(HMM:6.4e-41) |
| 21557 | OJ000107_10.0426.C14.p2.np | iaa(HMM:6.4e-41) |
| 21558 | OJ000118_21.0313.C6.p1.np | iaa(HMM:1.2e-41) |
| 21559 | OJ000125_05.0316.C8.p2.np | iaa(HMM:1.6e-37) |
| 21560 | OJ000150_00.0124.C56.p1.np | iaa(HMM:5.4e-37) |
| 21561 | OJ000150_19.0124.C1.p1.np | iaa(HMM:1.7e-48) |
| 21562 | OJ000150_19.0124.C2.p2.np | iaa(HMM:6.2e-60) |
| 21563 | OJ000250_35.0224.C4.p4.np | iaa(HMM:0.00023) |
| 21564 | OJ000250_43.0214.C5.p16.np | iaa(HMM:5.1e-37) |
| 21565 | OJ000301_04.0403.C17.p1.np | iaa(HMM:4.3e-05) |
| 21566 | OJ000301_04.0403.C25.p1.np | iaa(HMM:5.2e-23) |
| 21567 | OJ000302_05.0406.C13.p1.np | iaa(HMM:1.8e-36) |
| 21568 | OJ000303_02.0403.C9.p1.np | iaa(HMM:3.8e-43) |
| 21569 | OJ000307_13.0419.C11.p1.np | iaa(HMM:5.6e-05) |
| 21570 | OJ000307_13.0419.C8.p4.np | iaa(HMM:1.7e-48) |
| 21571 | OJ000310_07.0418.C8.p1.np | iaa(HMM:5.1e-37) |
| 21572 | OJ000310_08.0419.C33.p2.np | iaa(HMM:3.7e-45) |
| 21573 | OJ000310_24.0419.C6.p1.np | iaa(HMM:0.026) |
| 21574 | OJ000320_29.0419.C3.p1.np | iaa(HMM:6.4e-38) |
| 21575 | OJ000329_12.0419.C18.p1.np | iaa(HMM:8.5e-25) |
| 21576 | OJ000330_35.0419.C22.p2.np | iaa(HMM:4.3e-05) |
| 21577 | OJ000404_33.0424.C15.p1.np | iaa(HMM:7.4e-21) |
| 21578 | OJ990311_14.9819.C2.p1.np | iaa(HMM:3.2e-45) |
| 21579 | OJ990315_09.0128.C8.p2.np | iaa(HMM:3.3e-46) |
| 21580 | OJ990315_09.0421.C8.p2.np | iaa(HMM:3.3e-46) |
| 21581 | OJ990414_03.9C03.C10.p1.np | iaa(HMM:6.5e-32) |
| 21582 | OJ990428_28.9A08.C7.p2.np | iaa(HMM:3e-44) |
| 21583 | OJ990512_08.0419.C41.p1.np | iaa(HMM:1.3e-39) |
| 21584 | OJ990519_28.9924.C16.p1.np | iaa(HMM:2.6e-41) |
| 21585 | OJ990619_48.9A20.C1.p1.np | iaa(HMM:3.9e-54) |
| 21586 | OJ990619_54.9922.C3.p1.np | iaa(HMM:1.2e-51) |
| 21587 | OJ990708_04.9A01.C9.p1.np | iaa(HMM:1e-30) |
| 21588 | OJ990808_54.0421.C7.p1.np | iaa(HMM:4.6e-06) |
| 21589 | OJ990808_54.9C20.C8.p1.np | iaa(HMM:4.6e-06) |
| 21590 | OJ990822_48.0106.C2.p2.np | iaa(HMM:1.6e-53) |
| 21591 | OJ990922_10.0128.C12.p3.np | iaa(HMM:2e-40) |
| 21592 | OJ991105_10.0419.C10.p1.np | iaa(HMM:4e-06) |
| 21593 | OJ991106_43.0105.C7.p2.np | iaa(HMM:3.7e-45) |
| 21594 | OJ991107_44.0421.C3.p1.np | iaa(HMM:1.2e-28) |
| 21595 | OJ991107_44.9C27.C3.p1.np | iaa(HMM:1.2e-28) |
| 21596 | OJ991109_02.0118.C6.p1.np | iaa(HMM:4.3e-05) |
| 21597 | OJ991114_35.0419.C20.p1.np | iaa(HMM:3.7e-48) |
| 21598 | OJ991122_05.0210.C10.p1.np | iaa(HMM:9e-42) |
| 21599 | OJ991122_05.0303.C2.p1.np | iaa(HMM:9e-42) |
| 21600 | OJ991122_05.0421.C2.p1.np | iaa(HMM:9e-42) |
| 21601 | OJ991203_01.0128.C10.p4.np | iaa(HMM:3.7e-48) |
| 21602 | OJ991211_35.0420.C15.p2.np | iaa(HMM:3.9e-42) |
| 21603 | OJ000303_07.0419.C27.p2.np | ibr(HMM:5.2e-10) |
| 21604 | OJ000306_05.0419.C4.p2.np | ibr(HMM:3.6e-19) |
| 21605 | OJ000306_06.0403.C16.p1.np | ibr(HMM:5.9e-33) |
| 21606 | OJ000306_06.0403.C16.p2.np | ibr(HMM:1.6e-11) |
| 21607 | OJ000306_06.0403.C16.p3.np | ibr(HMM:3.6e-19) |

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| 21608 | OJ000314_15.0419.C23.p1.np | ibr(HMM:4.2e-12) |
| 21609 | OJ000314_15.0419.C24.p1.np | ibr(HMM:3.6e-10) |
| 21610 | OJ000315_07.0420.C20.p3.np | ibr(HMM:3e-17) |
| 21611 | OJ990528_30.9919.C9.p1.np | ibr(HMM:8.8e-21) |
| 21612 | OJ990810_02.9B08.C9.p2.np | ibr(HMM:1.6e-11) |
| 21613 | OJ991027_11.0119.C6.p2.np | ibr(HMM:3e-18) |
| 21614 | OJ991107_39.9C17.C5.p5.np | ibr(HMM:3e-17) |
| 21615 | OJ991216_02.0218.C24.p3.np | ibr(HMM:0.002) |
| 21616 | OJ000111_12.0313.C5.p3.np | ibr(HMM:4.8e-05),zf- c3hc4(HMM:0.069) |
| 21617 | OJ000111_12.0313.C5.p4.np | ibr(HMM:0.013),zf- c3hc4(HMM:0.006) |
| 21618 | OJ000111_12.0426.C5.p3.np | ibr(HMM:4.8e-05),zf- c3hc4(HMM:0.069) |
| 21619 | OJ000111_12.0426.C5.p4.np | ibr(HMM:0.013),zf- c3hc4(HMM:0.006) |
| 21620 | OJ000250_49.0214.C8.p2.np | ibr(HMM:0.0021),zf- c3hc4(HMM:0.11) |
| 21621 | OJ000303_07.0419.C27.p3.np | ibr(HMM:0.003),zf- c3hc4(HMM:0.055) |
| 21622 | OJ000303_28.0419.C19.p2.np | ibr(HMM:0.0021),zf- c3hc4(HMM:0.11) |
| 21623 | OJ000306_05.0419.C4.p1.np | ibr(HMM:0.00044),zf- c3hc4(HMM:0.03) |
| 21624 | OJ000313_26.0407.C14.p1.np | ibr(HMM:1.3e-15),zf- c3hc4(HMM:0.063) |
| 21625 | OJ000313_26.0420.C14.p1.np | ibr(HMM:1.3e-15),zf- c3hc4(HMM:0.063) |
| 21626 | OJ000314_15.0419.C16.p1.np | ibr(HMM:1.3e-11),zf- c3hc4(HMM:0.13) |
| 21627 | OJ990503_05.9B12.C25.p1.np | ibr(HMM:0.0021),zf- c3hc4(HMM:0.11) |
| 21628 | OJ990519_29.9B05.C8.p1.np | ibr(HMM:2.5e-08),zf- c3hc4(HMM:0.021) |
| 21629 | OJ990619_35.9927.C5.p7.np | ibr(HMM:0.26),zf- c3hc4(HMM:0.063) |
| 21630 | OJ990727_05.9A26.C4.p2.np | ibr(HMM:1e-06),zf- c3hc4(HMM:0.037) |
| 21631 | OJ990810_02.9B08.C9.p3.np | ibr(HMM:2.9e-19),zf- c3hc4(HMM:0.017) |
| 21632 | OJ000112_18.0224.C1.p1.np | k-box(HMM:2.4e-07) |
| 21633 | OJ000112_18.0426.C1.p1.np | k-box(HMM:2.4e-07) |
| 21634 | OJ000113_15.0210.C13.p1.np | k-box(HMM:1.5e-15) |
| 21635 | OJ000223_06.0316.C7.p1.np | k-box(HMM:1.3e-21) |
| 21636 | OJ000224_03.0404.C19.p2.np | k-box(HMM:6e-32) |
| 21637 | OJ000250_48.0211.C12.p1.np | k-box(HMM:4.8e-11) |
| 21638 | OJ000250_82.0320.C45.p6.np | k-box(HMM:1.7e-07) |
| 21639 | OJ000250_82.0320.C46.p1.np | k-box(HMM:0.0041) |
| 21640 | OJ000251_34.0303.C33.p1.np | k-box(HMM:1.2e-06) |
| 21641 | OJ000251_48.0228.C11.p1.np | k-box(HMM:1.5e-07) |
| 21642 | OJ000306_08.0419.C59.p1.np | k-box(HMM:1e-09) |
| 21643 | OJ000314_34.0419.C2.p2.np | k-box(HMM:1.7) |
| 21644 | OJ000330_21.0419.C19.p1.np | k-box(HMM:1.5e-09) |
| 21645 | OJ990823_06.9B03.C3.p1.np | k-box(HMM:7.1e-11) |

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| 21646 | OJ990826_02.9B04.C3.p1.np | k-box(HMM:4.4e-13) |
| 21647 | OJ990915_06.9B15.C20.p1.np | k-box(HMM:0.0023) |
| 21648 | OJ991020_07.0202.C15.p1.np | k-box(HMM:1.6e-10) |
| 21649 | OJ991113_34.0421.C9.p4.np | k-box(HMM:4.6) |
| 21650 | OJ991113_34.9C27.C29.p2.np | k-box(HMM:4.6) |
| 21651 | OJ991208_01.0110.C9.p1.np | k-box(HMM:0.053) |
| 21652 | OJ991211_57.0228.C13.p1.np | k-box(HMM:1.5e-07) |
| 21653 | OJ000204_15.0302.C2.p2.np | k-box(HMM:3.5e-07),srf- tf(HMM:2.6e-35) |
| 21654 | OJ000250_82.0320.C45.p4.np | k-box(HMM:8.6e-43),srf- tf(HMM:1e-37) |
| 21655 | OJ000302_10.0418.C12.p1.np | k-box(HMM:4.8e-40),srf- tf(HMM:7.3e-36) |
| 21656 | OJ000306_09.0407.C36.p1.np | k-box(HMM:3.4e-18),srf- tf(HMM:7.7e-34) |
| 21657 | OJ000350_26.0323.C10.p8.np | k-box(HMM:5.2e-17),srf- tf(HMM:9.6e-38) |
| 21658 | OJ990312_12.9819.C28.p1.np | k-box(HMM:7.3e-09),srf- tf(HMM:1.2e-20) |
| 21659 | OJ990515_20.9924.C4.p1.np | k-box(HMM:1.5e-23),srf- tf(HMM:2.2e-38) |
| 21660 | OJ990517_23.9C10.C9.p2.np | k-box(HMM:3e-26),srf- tf(HMM:1.2e-36) |
| 21661 | OJ990525_14.9C03.C6.p2.np | k-box(HMM:1e-13),srf- tf(HMM:7.7e-34) |
| 21662 | OJ990528_21.9B12.C23.p2.np | k-box(HMM:3e-26),srf- tf(HMM:1.2e-36) |
| 21663 | OJ990604_02.9A01.C22.p2.np | k-box(HMM:3e-26),srf- tf(HMM:1.2e-36) |
| 21664 | OJ990727_04.9A20.C3.p3.np | k-box(HMM:1.9e-18),srf- tf(HMM:2.8e-34) |
| 21665 | OJ990914_19.9B01.C2.p2.np | k-box(HMM:3.1e-28),srf- tf(HMM:3.7e-36) |
| 21666 | OJ991011_14.0207.C11.p1.np | k-box(HMM:3.6e-40),srf- tf(HMM:2.1e-38) |
| 21667 | OJ991115_09.0421.C11.p2.np | k-box(HMM:2e-41),srf- tf(HMM:2.2e-38) |
| 21668 | OJ991115_09.9C22.C11.p2.np | k-box(HMM:2e-41),srf- tf(HMM:2.2e-38) |
| 21669 | OJ991206_18.0131.C13.p3.np | k-box(HMM:2e-41),srf- tf(HMM:2.2e-38) |
| 21670 | OJ991211_65.0317.C11.p1.np | k-box(HMM:1.8e-38),srf- tf(HMM:4.5e-37) |
| 21671 | OJ000110_02.0330.C81.p3.np | keyword:AGL(not_available) |
| 21672 | OJ000110_02.0426.C81.p3.np | keyword:AGL(not_available) |
| 21673 | OJ000222_06.0323.C14.p5.np | keyword:AGL(not_available) |
| 21674 | OJ990619_48.9A20.C4.p1.np | keyword:AGL(not_available) |
| 21675 | OJ990627_33.9B18.C22.p2.np | keyword:AGL(not_available) |
| 21676 | OJ991202_09.0421.C15.p1.np | keyword:AGL(not_available) |
| 21677 | OJ991202_09.9C27.C15.p1.np | keyword:AGL(not_available) |
| 21678 | OJ000214_02.0321.C21.p2.np | keyword:AT-hook(not_available) |
| 21679 | OJ990617_06.9A27.C77.p1.np | keyword:AT-hook(not_available) |
| 21680 | OJ990827_13.0204.C13.p2.np | keyword:AT-hook(not_available) |
| 21681 | OJ990830_08.9C13.C7.p1.np | keyword:AT-hook(not_available) |

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| 21682 | OJ990830_09.9C23.C5.p1.np | keyword:AT-hook(not_available) |
| 21683 | OJ991107_32.9C13.C3.p2.np | keyword:AT-hook(not_available) |
| 21684 | OJ991111_15.0225.C1.p3.np | keyword:AT-hook(not_available) |
| 21685 | OJ000214_02.0321.C2.p1.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21686 | OJ000229_25.0322.C33.p1.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21687 | OJ990122_05.9819.C3.p3.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21688 | OJ990528_06.9C03.C13.p1.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21689 | OJ990605_43.0317.C6.p1.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21690 | OJ990914_13.9B24.C2.p6.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21691 | OJ991116_12.0107.C12.p2.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21692 | OJ991201_20.0118.C5.p3.np | keyword:AT-hook(not_available),keyword:dna-binding(not_available) |
| 21693 | OJ990528_13.9C10.C56.p1.np | keyword:CONSTANS(not_available) |
| 21694 | OJ991101_12.0218.C14.p1.np | keyword:CONSTANS(not_available) |
| 21695 | OJ000113_10.0224.C3.p1.np | keyword:DREB(not_available) |
| 21696 | OJ000118_15.0419.C15.p1.np | keyword:DREB(not_available) |
| 21697 | OJ000250_67.0303.C2.p1.np | keyword:DREB(not_available) |
| 21698 | OJ000321_27.0419.C20.p4.np | keyword:DREB(not_available) |
| 21699 | OJ000324_20.0419.C33.p1.np | keyword:DREB(not_available) |
| 21700 | OJ000324_20.0419.C34.p1.np | keyword:DREB(not_available) |
| 21701 | OJ000350_05.0410.C5.p1.np | keyword:DREB(not_available) |
| 21702 | OJ990129_01.9917.C36.p1.np | keyword:DREB(not_available) |
| 21703 | OJ990312_08.9923.C14.p1.np | keyword:DREB(not_available) |
| 21704 | OJ990312_08.9923.C2.p1.np | keyword:DREB(not_available) |
| 21705 | OJ990503_11.9921.C25.p1.np | keyword:DREB(not_available) |
| 21706 | OJ990616_09.9C01.C48.p3.np | keyword:DREB(not_available) |
| 21707 | OJ990617_14.9B23.C3.p1.np | keyword:DREB(not_available) |
| 21708 | OJ990810_04.0303.C39.p1.np | keyword:DREB(not_available) |
| 21709 | OJ990822_42.0419.C37.p1.np | keyword:DREB(not_available) |
| 21710 | OJ990903_16.9B19.C23.p2.np | keyword:DREB(not_available) |
| 21711 | OJ990909_07.9B15.C18.p3.np | keyword:DREB(not_available) |
| 21712 | OJ991113_45.0419.C3.p1.np | keyword:DREB(not_available) |
| 21713 | OJ991209_02.0107.C4.p3.np | keyword:DREB(not_available) |
| 21714 | OJ991209_02.0421.C6.p4.np | keyword:DREB(not_available) |
| 21715 | OJ991211_56.0303.C12.p1.np | keyword:DREB(not_available) |
| 21716 | OJ000112_15.0310.C21.p1.np | keyword:Leucine-zipper(not_available) |

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| 21717 | OJ000112_15.0310.C22.p1.np | keyword:Leucine-zipper(not_available) |
| 21718 | OJ000112_15.0426.C21.p1.np | keyword:Leucine-zipper(not_available) |
| 21719 | OJ000112_15.0426.C22.p1.np | keyword:Leucine-zipper(not_available) |
| 21720 | OJ000204_05.0419.C21.p1.np | keyword:Leucine-zipper(not_available) |
| 21721 | OJ000327_17.0420.C28.p1.np | keyword:Leucine-zipper(not_available) |
| 21722 | OJ990324_03.0419.C180.p1.np | keyword:Leucine-zipper(not_available) |
| 21723 | OJ990324_03.0419.C181.p1.np | keyword:Leucine-zipper(not_available) |
| 21724 | OJ990528_28.9A01.C5.p3.np | keyword:Leucine-zipper(not_available) |
| 21725 | OJ990604_03.9C03.C39.p2.np | keyword:Leucine-zipper(not_available) |
| 21726 | OJ990716_06.9819.C18.p3.np | keyword:Leucine-zipper(not_available) |
| 21727 | OJ991012_10.0127.C10.p2.np | keyword:Leucine-zipper(not_available) |
| 21728 | OJ991109_19.0421.C8.p1.np | keyword:Leucine-zipper(not_available) |
| 21729 | OJ000102_36.0222.C1.p1.np | keyword:ap2(not_available) |
| 21730 | OJ000102_56.0407.C49.p2.np | keyword:ap2(not_available) |
| 21731 | OJ000102_56.0426.C49.p2.np | keyword:ap2(not_available) |
| 21732 | OJ000103_08.0222.C8.p1.np | keyword:ap2(not_available) |
| 21733 | OJ000110_02.0330.C66.p1.np | keyword:ap2(not_available) |
| 21734 | OJ000110_02.0426.C66.p1.np | keyword:ap2(not_available) |
| 21735 | OJ000113_01.0331.C11.p2.np | keyword:ap2(not_available) |
| 21736 | OJ000113_01.0426.C11.p2.np | keyword:ap2(not_available) |
| 21737 | OJ000117_05.0419.C63.p1.np | keyword:ap2(not_available) |
| 21738 | OJ000130_34.0419.C21.p1.np | keyword:ap2(not_available) |
| 21739 | OJ000207_03.0330.C21.p2.np | keyword:ap2(not_available) |
| 21740 | OJ000221_06.0330.C9.p1.np | keyword:ap2(not_available) |
| 21741 | OJ000229_19.0331.C5.p2.np | keyword:ap2(not_available) |
| 21742 | OJ000250_31.0217.C45.p2.np | keyword:ap2(not_available) |
| 21743 | OJ000250_31.0217.C46.p1.np | keyword:ap2(not_available) |
| 21744 | OJ000250_61.0419.C6.p3.np | keyword:ap2(not_available) |
| 21745 | OJ000251_42.0328.C20.p2.np | keyword:ap2(not_available) |
| 21746 | OJ000302_23.0331.C15.p1.np | keyword:ap2(not_available) |
| 21747 | OJ000307_28.0417.C12.p1.np | keyword:ap2(not_available) |
| 21748 | OJ000313_32.0419.C10.p1.np | keyword:ap2(not_available) |
| 21749 | OJ000323_22.0418.C5.p1.np | keyword:ap2(not_available) |
| 21750 | OJ000329_01.0419.C13.p1.np | keyword:ap2(not_available) |
| 21751 | OJ000329_01.0419.C15.p1.np | keyword:ap2(not_available) |
| 21752 | OJ000350_02.0314.C18.p7.np | keyword:ap2(not_available) |
| 21753 | OJ990308_07.9819.C16.p2.np | keyword:ap2(not_available) |
| 21754 | OJ990409_05.0419.C37.p1.np | keyword:ap2(not_available) |
| 21755 | OJ990421_21.0211.C13.p1.np | keyword:ap2(not_available) |
| 21756 | OJ990423_11.9924.C7.p2.np | keyword:ap2(not_available) |
| 21757 | OJ990423_11.9924.C7.p3.np | keyword:ap2(not_available) |
| 21758 | OJ990430_11.9A14.C31.p1.np | keyword:ap2(not_available) |

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| 21802 | OJ000114_05.0414.C60.p5.np | binding(not_available) keyword:dna- |
| 21803 | OJ000114_06.0419.C22.p1.np | binding(not_available) keyword:dna- |
| 21804 | OJ000114_22.0419.C35.p3.np | binding(not_available) keyword:dna- |
| 21805 | OJ000118_24.0307.C5.p2.np | binding(not_available) keyword:dna- |
| 21806 | OJ000121_12.0309.C43.p1.np | binding(not_available) keyword:dna- |
| 21807 | OJ000207_21.0419.C5.p1.np | binding(not_available) keyword:dna- |
| 21808 | OJ000207_21.0419.C6.p1.np | binding(not_available) keyword:dna- |
| 21809 | OJ000207_27.0406.C22.p4.np | binding(not_available) keyword:dna- |
| 21810 | OJ000208_25.0419.C5.p1.np | binding(not_available) keyword:dna- |
| 21811 | OJ000209_26.0229.C16.p3.np | binding(not_available) keyword:dna- |
| 21812 | OJ000210_12.0419.C42.p1.np | binding(not_available) keyword:dna- |
| 21813 | OJ000210_20.0419.C5.p1.np | binding(not_available) keyword:dna- |
| 21814 | OJ000214_06.0309.C16.p1.np | binding(not_available) keyword:dna- |
| 21815 | OJ000214_06.0309.C16.p2.np | binding(not_available) keyword:dna- |
| 21816 | OJ000214_11.0407.C24.p1.np | binding(not_available) keyword:dna- |
| 21817 | OJ000222_06.0323.C5.p1.np | binding(not_available) keyword:dna- |
| 21818 | OJ000223_16.0320.C8.p1.np | binding(not_available) keyword:dna- |
| 21819 | OJ000224_04.0321.C3.p1.np | binding(not_available) keyword:dna- |
| 21820 | OJ000250_54.0309.C19.p1.np | binding(not_available) keyword:dna- |
| 21821 | OJ000251_11.0419.C19.p2.np | binding(not_available) keyword:dna- |
| 21822 | OJ000251_11.0419.C23.p1.np | binding(not_available) keyword:dna- |
| 21823 | OJ000301_02.0404.C10.p1.np | binding(not_available) keyword:dna- |
| 21824 | OJ000301_02.0404.C8.p2.np | binding(not_available) keyword:dna- |
| 21825 | OJ000301_02.0404.C9.p1.np | binding(not_available) keyword:dna- |
| 21826 | OJ000301_02.0404.C9.p2.np | binding(not_available) keyword:dna- |
| 21827 | OJ000307_27.0419.C22.p5.np | binding(not_available) keyword:dna- |
| 21828 | OJ000310_39.0424.C39.p1.np | binding(not_available) keyword:dna- |

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| 21829 | OJ000314_36.0419.C6.p5.np | binding(not_available) keyword:dna- |
| 21830 | OJ000315_27.0419.C7.p1.np | binding(not_available) keyword:dna- |
| 21831 | OJ000316_18.0412.C4.p1.np | binding(not_available) keyword:dna- |
| 21832 | OJ000320_40.0413.C12.p2.np | binding(not_available) keyword:dna- |
| 21833 | OJ000321_19.0419.C15.p1.np | binding(not_available) keyword:dna- |
| 21834 | OJ000321_19.0419.C8.p1.np | binding(not_available) keyword:dna- |
| 21835 | OJ000321_27.0419.C21.p1.np | binding(not_available) keyword:dna- |
| 21836 | OJ000321_33.0424.C4.p1.np | binding(not_available) keyword:dna- |
| 21837 | OJ000322_07.0419.C16.p3.np | binding(not_available) keyword:dna- |
| 21838 | OJ000323_08.0419.C6.p7.np | binding(not_available) keyword:dna- |
| 21839 | OJ000324_18.0420.C5.p4.np | binding(not_available) keyword:dna- |
| 21840 | OJ000330_10.0420.C12.p1.np | binding(not_available) keyword:dna- |
| 21841 | OJ000331_05.0419.C19.p1.np | binding(not_available) keyword:dna- |
| 21842 | OJ000350_00.0328.C17.p2.np | binding(not_available) keyword:dna- |
| 21843 | OJ000350_72.0403.C19.p1.np | binding(not_available) keyword:dna- |
| 21844 | OJ000403_18.0419.C4.p2.np | binding(not_available) keyword:dna- |
| 21845 | OJ000404_07.0421.C7.p1.np | binding(not_available) keyword:dna- |
| 21846 | OJ000450_03.0419.C31.p1.np | binding(not_available) keyword:dna- |
| 21847 | OJ990222_08.0420.C58.p1.np | binding(not_available) keyword:dna- |
| 21848 | OJ990222_08.9819.C18.p1.np | binding(not_available) keyword:dna- |
| 21849 | OJ990222_08.9819.C22.p1.np | binding(not_available) keyword:dna- |
| 21850 | OJ990304_02.9B12.C5.p1.np | binding(not_available) keyword:dna- |
| 21851 | OJ990304_02.9B12.C6.p1.np | binding(not_available) keyword:dna- |
| 21852 | OJ990323_01.0420.C17.p1.np | binding(not_available) keyword:dna- |
| 21853 | OJ990323_01.0420.C18.p1.np | binding(not_available) keyword:dna- |
| 21854 | OJ990323_01.0420.C40.p1.np | binding(not_available) keyword:dna- |
| 21855 | OJ990330_16.9923.C3.p1.np | binding(not_available) keyword:dna- |

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| 21856 | OJ990405_10.9819.C23.p1.np | binding(not_available) keyword:dna- |
| 21857 | OJ990408_08.9B12.C43.p1.np | binding(not_available) keyword:dna- |
| 21858 | OJ990428_01.9924.C19.p1.np | binding(not_available) keyword:dna- |
| 21859 | OJ990723_10.9C01.C3.p5.np | binding(not_available) keyword:dna- |
| 21860 | OJ990808_37.0103.C16.p2.np | binding(not_available) keyword:dna- |
| 21861 | OJ990817_12.0103.C5.p1.np | binding(not_available) keyword:dna- |
| 21862 | OJ990820_03.9921.C59.p1.np | binding(not_available) keyword:dna- |
| 21863 | OJ990830_08.9C13.C6.p1.np | binding(not_available) keyword:dna- |
| 21864 | OJ991110_05.0307.C17.p1.np | binding(not_available) keyword:dna- |
| 21865 | OJ991121_46.9C13.C13.p1.np | binding(not_available) keyword:dna- |
| 21866 | OJ991202_08.0421.C36.p1.np | binding(not_available) keyword:dna- |
| 21867 | OJ991202_08.9C30.C35.p6.np | binding(not_available) keyword:dna- |
| 21868 | OJ991215_13.0419.C62.p1.np | binding(not_available) keyword:dna- |
| 21869 | OJ991226_43.0315.C11.p1.np | binding(not_available) keyword:dna- |
| 21870 | OJ000250_23.0208.C5.p1.np | binding(not_available) keyword:enbp(not_available) |
| 21871 | OJ000250_23.0303.C2.p1.np | binding(not_available) keyword:enbp(not_available) |
| 21872 | OJ990528_06.9C03.C47.p1.np | binding(not_available) keyword:helix-loop- helix(not_available),keyword:dna- |
| 21873 | OJ990528_06.9C03.C50.p1.np | binding(not_available) keyword:helix-loop- helix(not_available),keyword:dna- |
| 21874 | OJ000108_39.0308.C22.p2.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21875 | OJ000108_39.0426.C22.p2.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21876 | OJ000121_08.0306.C11.p1.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21877 | OJ000208_25.0419.C14.p1.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21878 | OJ000250_36.0222.C24.p8.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21879 | OJ000314_08.0414.C6.p1.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21880 | OJ000315_30.0419.C3.p1.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21881 | OJ000350_05.0410.C11.p7.np | binding(not_available) keyword:homeobox(not_availabl e) |
| 21882 | OJ000350_30.0314.C10.p2.np | binding(not_available) keyword:homeobox(not_availabl |

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| 21883 | OJ990105_06.9819.C14.p1.np | e) keyword:homeobox(not_availabl |
| 21884 | OJ990619_51.9920.C8.p1.np | e) keyword:homeobox(not_availabl |
| 21885 | OJ990625_01.9921.C9.p1.np | e) keyword:homeobox(not_availabl |
| 21886 | OJ990715_11.0419.C22.p1.np | e) keyword:homeobox(not_availabl |
| 21887 | OJ990730_06.9921.C20.p1.np | e) keyword:homeobox(not_availabl |
| 21888 | OJ991113_34.9C27.C7.p1.np | e) keyword:homeobox(not_availabl |
| 21889 | OJ991117_07.0104.C8.p1.np | e) keyword:homeobox(not_availabl |
| 21890 | OJ000113_04.0302.C8.p1.np | e) keyword:homeobox(not_availabl |
| 21891 | OJ000113_04.0426.C8.p1.np | e),keyword:Leucine- zipper(not_available) |
| 21892 | OJ990822_42.0419.C22.p1.np | e),keyword:Leucine- zipper(not_available) |
| 21893 | OJ000217_01.0308.C6.p3.np | e),keyword:homeobox(not_availabl |
| 21894 | OJ990315_09.0128.C21.p1.np | e),keyword:homeodomain(not_avail |
| 21895 | OJ990315_09.0421.C20.p1.np | able) keyword:homeodomain(not_avail |
| 21896 | OJ990602_12.0421.C6.p2.np | able) keyword:homeodomain(not_avail |
| 21897 | OJ990823_02.9B15.C14.p1.np | able) keyword:homeodomain(not_avail |
| 21898 | OJ990315_09.0128.C12.p1.np | able) keyword:homeodomain(not_avail |
| 21899 | OJ990315_09.0421.C12.p1.np | able),keyword:Leucine- zipper(not_available) |
| 21900 | OJ990630_12.9C03.C9.p1.np | able),keyword:Leucine- zipper(not_available) |
| 21901 | OJ990712_06.9922.C13.p1.np | able),keyword:Leucine- zipper(not_available) |
| 21902 | OJ000126_02.0303.C19.p1.np | keyword:mads(not_available) |
| 21903 | OJ000223_06.0316.C6.p1.np | keyword:mads(not_available) |
| 21904 | OJ000224_03.0404.C7.p1.np | keyword:mads(not_available) |
| 21905 | OJ000250_82.0320.C7.p1.np | keyword:mads(not_available) |
| 21906 | OJ000251_34.0303.C32.p2.np | keyword:mads(not_available) |
| 21907 | OJ000330_21.0419.C2.p1.np | keyword:mads(not_available) |

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| 21958 | OJ000107_03.0207.C6.p1.np | keyword:scarecrow(not_available) |
| 21959 | OJ000114_11.0217.C1.p1.np | keyword:scarecrow(not_available) |
| 21960 | OJ000322_17.0419.C17.p1.np | keyword:scarecrow(not_available) |
| 21961 | OJ000324_20.0419.C20.p1.np | keyword:scarecrow(not_available) |
| 21962 | OJ990414_06.9C10.C5.p1.np | keyword:scarecrow(not_available) |
| 21963 | OJ990419_07.9923.C7.p1.np | keyword:scarecrow(not_available) |
| 21964 | OJ990505_03.0420.C90.p1.np | keyword:scarecrow(not_available) |
| 21965 | OJ990505_03.9921.C15.p1.np | keyword:scarecrow(not_available) |
| 21966 | OJ000105_11.0214.C3.p1.np | keyword:transcription(not_availa ble) |
| 21967 | OJ000107_04.0210.C10.p1.np | keyword:transcription(not_availa ble) |
| 21968 | OJ000107_04.0426.C10.p1.np | keyword:transcription(not_availa ble) |
| 21969 | OJ000111_01.0225.C5.p1.np | keyword:transcription(not_availa ble) |
| 21970 | OJ000111_01.0426.C5.p1.np | keyword:transcription(not_availa ble) |
| 21971 | OJ000111_03.0303.C10.p2.np | keyword:transcription(not_availa ble) |
| 21972 | OJ000111_03.0426.C10.p2.np | keyword:transcription(not_availa ble) |
| 21973 | OJ000111_08.0323.C8.p1.np | keyword:transcription(not_availa ble) |
| 21974 | OJ000111_08.0426.C8.p1.np | keyword:transcription(not_availa ble) |
| 21975 | OJ000111_10.0313.C18.p2.np | keyword:transcription(not_availa ble) |
| 21976 | OJ000111_10.0426.C18.p2.np | keyword:transcription(not_availa ble) |
| 21977 | OJ000111_11.0426.C8.p6.np | keyword:transcription(not_availa ble) |
| 21978 | OJ000114_22.0419.C75.p1.np | keyword:transcription(not_availa ble) |
| 21979 | OJ000117_20.0222.C27.p2.np | keyword:transcription(not_availa ble) |
| 21980 | OJ000121_07.0222.C18.p1.np | keyword:transcription(not_availa ble) |
| 21981 | OJ000130_33.0417.C20.p3.np | keyword:transcription(not_availa ble) |
| 21982 | OJ000150_20.0124.C11.p1.np | keyword:transcription(not_availa ble) |
| 21983 | OJ000204_09.0306.C10.p1.np | keyword:transcription(not_availa ble) |
| 21984 | OJ000204_09.0306.C5.p1.np | keyword:transcription(not_availa ble) |

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| 21985 | OJ000208_10.0331.C21.p3.np | keyword:transcription(not_availa ble) |
| 21986 | OJ000208_10.0331.C23.p1.np | keyword:transcription(not_availa ble) |
| 21987 | OJ000208_10.0331.C4.p1.np | keyword:transcription(not_availa ble) |
| 21988 | OJ000208_18.0417.C19.p4.np | keyword:transcription(not_availa ble) |
| 21989 | OJ000209_04.0317.C15.p2.np | keyword:transcription(not_availa ble) |
| 21990 | OJ000223_15.0419.C31.p1.np | keyword:transcription(not_availa ble) |
| 21991 | OJ000223_15.0419.C38.p1.np | keyword:transcription(not_availa ble) |
| 21992 | OJ000223_19.0403.C15.p1.np | keyword:transcription(not_availa ble) |
| 21993 | OJ000223_22.0320.C7.p2.np | keyword:transcription(not_availa ble) |
| 21994 | OJ000250_51.0211.C2.p2.np | keyword:transcription(not_availa ble) |
| 21995 | OJ000251_14.0225.C2.p1.np | keyword:transcription(not_availa ble) |
| 21996 | OJ000251_24.0218.C5.p2.np | keyword:transcription(not_availa ble) |
| 21997 | OJ000251_33.0331.C25.p4.np | keyword:transcription(not_availa ble) |
| 21998 | OJ000251_33.0331.C26.p1.np | keyword:transcription(not_availa ble) |
| 21999 | OJ000251_33.0331.C36.p2.np | keyword:transcription(not_availa ble) |
| 22000 | OJ000251_48.0228.C33.p7.np | keyword:transcription(not_availa ble) |
| 22001 | OJ000251_48.0228.C5.p1.np | keyword:transcription(not_availa ble) |
| 22002 | OJ000301_06.0419.C7.p3.np | keyword:transcription(not_availa ble) |
| 22003 | OJ000301_13.0330.C15.p1.np | keyword:transcription(not_availa ble) |
| 22004 | OJ000301_25.0410.C7.p3.np | keyword:transcription(not_availa ble) |
| 22005 | OJ000302_10.0418.C13.p1.np | keyword:transcription(not_availa ble) |
| 22006 | OJ000303_15.0419.C10.p1.np | keyword:transcription(not_availa ble) |
| 22007 | OJ000306_09.0407.C12.p2.np | keyword:transcription(not_availa ble) |
| 22008 | OJ000306_09.0407.C12.p3.np | keyword:transcription(not_availa ble) |
| 22009 | OJ000307_02.0330.C16.p2.np | keyword:transcription(not_availa ble) |
| 22010 | OJ000307_24.0414.C16.p1.np | keyword:transcription(not_availa ble) |
| 22011 | OJ000307_24.0414.C19.p3.np | keyword:transcription(not_availa ble) |

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| 22012 | OJ000307_25.0419.C47.p1.np | keyword:transcription(not_available) |
| 22013 | OJ000315_05.0411.C8.p1.np | keyword:transcription(not_available) |
| 22014 | OJ000315_07.0420.C57.p1.np | keyword:transcription(not_available) |
| 22015 | OJ000315_07.0420.C60.p1.np | keyword:transcription(not_available) |
| 22016 | OJ000315_22.0413.C9.p1.np | keyword:transcription(not_available) |
| 22017 | OJ000315_22.0420.C9.p1.np | keyword:transcription(not_available) |
| 22018 | OJ000316_01.0413.C2.p2.np | keyword:transcription(not_available) |
| 22019 | OJ000316_01.0413.C2.p3.np | keyword:transcription(not_available) |
| 22020 | OJ000320_19.0419.C45.p1.np | keyword:transcription(not_available) |
| 22021 | OJ000320_24.0411.C7.p6.np | keyword:transcription(not_available) |
| 22022 | OJ000321_11.0419.C21.p1.np | keyword:transcription(not_available) |
| 22023 | OJ000321_18.0413.C16.p1.np | keyword:transcription(not_available) |
| 22024 | OJ000321_32.0410.C3.p1.np | keyword:transcription(not_available) |
| 22025 | OJ000322_05.0419.C32.p1.np | keyword:transcription(not_available) |
| 22026 | OJ000322_05.0419.C36.p1.np | keyword:transcription(not_available) |
| 22027 | OJ000322_12.0424.C50.p1.np | keyword:transcription(not_available) |
| 22028 | OJ000323_03.0419.C3.p1.np | keyword:transcription(not_available) |
| 22029 | OJ000323_12.0419.C28.p1.np | keyword:transcription(not_available) |
| 22030 | OJ000323_15.0419.C11.p3.np | keyword:transcription(not_available) |
| 22031 | OJ000323_16.0421.C64.p1.np | keyword:transcription(not_available) |
| 22032 | OJ000324_01.0424.C37.p1.np | keyword:transcription(not_available) |
| 22033 | OJ000324_06.0420.C27.p1.np | keyword:transcription(not_available) |
| 22034 | OJ000324_06.0420.C4.p1.np | keyword:transcription(not_available) |
| 22035 | OJ000324_13.0424.C16.p1.np | keyword:transcription(not_available) |
| 22036 | OJ000324_13.0424.C7.p2.np | keyword:transcription(not_available) |
| 22037 | OJ000324_35.0424.C14.p2.np | keyword:transcription(not_available) |
| 22038 | OJ000327_05.0419.C4.p4.np | keyword:transcription(not_available) |

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| 22039 | OJ000327_27.0417.C11.p1.np | keyword:transcription(not_ava ble) |
| 22040 | OJ000327_27.0417.C2.p1.np | keyword:transcription(not_ava ble) |
| 22041 | OJ000327_27.0417.C6.p1.np | keyword:transcription(not_ava ble) |
| 22042 | OJ000328_03.0419.C13.p5.np | keyword:transcription(not_ava ble) |
| 22043 | OJ000330_03.0419.C44.p1.np | keyword:transcription(not_ava ble) |
| 22044 | OJ000330_05.0419.C19.p1.np | keyword:transcription(not_ava ble) |
| 22045 | OJ000330_05.0419.C57.p1.np | keyword:transcription(not_ava ble) |
| 22046 | OJ000330_24.0419.C9.p1.np | keyword:transcription(not_ava ble) |
| 22047 | OJ000331_13.0420.C1.p1.np | keyword:transcription(not_ava ble) |
| 22048 | OJ000331_13.0420.C2.p1.np | keyword:transcription(not_ava ble) |
| 22049 | OJ000331_24.0424.C22.p2.np | keyword:transcription(not_ava ble) |
| 22050 | OJ000331_28.0419.C22.p2.np | keyword:transcription(not_ava ble) |
| 22051 | OJ000350_15.0322.C2.p1.np | keyword:transcription(not_ava ble) |
| 22052 | OJ000350_66.0407.C36.p3.np | keyword:transcription(not_ava ble) |
| 22053 | OJ000450_04.0410.C6.p1.np | keyword:transcription(not_ava ble) |
| 22054 | OJ000450_05.0419.C4.p1.np | keyword:transcription(not_ava ble) |
| 22055 | OJ990212_06.9819.C20.p1.np | keyword:transcription(not_ava ble) |
| 22056 | OJ990311_09.9819.C15.p2.np | keyword:transcription(not_ava ble) |
| 22057 | OJ990311_09.9819.C15.p8.np | keyword:transcription(not_ava ble) |
| 22058 | OJ990312_01.9A01.C10.p2.np | keyword:transcription(not_ava ble) |
| 22059 | OJ990312_01.9A01.C22.p2.np | keyword:transcription(not_ava ble) |
| 22060 | OJ990318_03.9A03.C45.p1.np | keyword:transcription(not_ava ble) |
| 22061 | OJ990318_03.9A03.C56.p1.np | keyword:transcription(not_ava ble) |
| 22062 | OJ990318_06.0228.C75.p1.np | keyword:transcription(not_ava ble) |
| 22063 | OJ990318_08.9C23.C42.p1.np | keyword:transcription(not_ava ble) |
| 22064 | OJ990318_08.9C23.C89.p4.np | keyword:transcription(not_ava ble) |
| 22065 | OJ990318_16.9819.C5.p1.np | keyword:transcription(not_ava ble) |

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| 22066 | OJ990323_14.9A18.C5.p1.np | keyword:transcription(not_ava ble) |
| 22067 | OJ990323_17.9819.C6.p1.np | keyword:transcription(not_ava ble) |
| 22068 | OJ990323_22.9819.C5.p2.np | keyword:transcription(not_ava ble) |
| 22069 | OJ990323_22.9819.C6.p1.np | keyword:transcription(not_ava ble) |
| 22070 | OJ990324_05.9C23.C12.p2.np | keyword:transcription(not_ava ble) |
| 22071 | OJ990326_08.9C10.C32.p1.np | keyword:transcription(not_ava ble) |
| 22072 | OJ990330_04.9B22.C13.p1.np | keyword:transcription(not_ava ble) |
| 22073 | OJ990330_04.9B22.C14.p1.np | keyword:transcription(not_ava ble) |
| 22074 | OJ990330_15.9923.C9.p2.np | keyword:transcription(not_ava ble) |
| 22075 | OJ990330_16.9923.C8.p4.np | keyword:transcription(not_ava ble) |
| 22076 | OJ990330_19.9819.C9.p3.np | keyword:transcription(not_ava ble) |
| 22077 | OJ990407_03.0420.C53.p1.np | keyword:transcription(not_ava ble) |
| 22078 | OJ990407_11.9922.C14.p3.np | keyword:transcription(not_ava ble) |
| 22079 | OJ990407_11.9922.C20.p1.np | keyword:transcription(not_ava ble) |
| 22080 | OJ990408_10.9819.C26.p1.np | keyword:transcription(not_ava ble) |
| 22081 | OJ990409_05.0419.C29.p2.np | keyword:transcription(not_ava ble) |
| 22082 | OJ990414_10.9819.C20.p1.np | keyword:transcription(not_ava ble) |
| 22083 | OJ990415_09.9819.C21.p1.np | keyword:transcription(not_ava ble) |
| 22084 | OJ990415_09.9819.C21.p4.np | keyword:transcription(not_ava ble) |
| 22085 | OJ990415_11.9A07.C14.p10.np | keyword:transcription(not_ava ble) |
| 22086 | OJ990419_11.9923.C2.p7.np | keyword:transcription(not_ava ble) |
| 22087 | OJ990421_07.9923.C2.p1.np | keyword:transcription(not_ava ble) |
| 22088 | OJ990423_08.9924.C12.p1.np | keyword:transcription(not_ava ble) |
| 22089 | OJ990426_25.9819.C10.p1.np | keyword:transcription(not_ava ble) |
| 22090 | OJ990427_01.9A14.C15.p1.np | keyword:transcription(not_ava ble) |
| 22091 | OJ990428_06.9A08.C26.p2.np | keyword:transcription(not_ava ble) |
| 22092 | OJ990428_28.9A08.C2.p2.np | keyword:transcription(not_ava ble) |

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| 22093 | OJ990429_02.0419.C335.p1.np | keyword:transcription(not_available) |
| 22094 | OJ990429_02.0419.C426.p1.np | keyword:transcription(not_available) |
| 22095 | OJ990429_23.9924.C19.p2.np | keyword:transcription(not_available) |
| 22096 | OJ990429_23.9924.C7.p2.np | keyword:transcription(not_available) |
| 22097 | OJ990430_09.9924.C7.p1.np | keyword:transcription(not_available) |
| 22098 | OJ990430_33.9924.C7.p2.np | keyword:transcription(not_available) |
| 22099 | OJ990502_29.9924.C3.p1.np | keyword:transcription(not_available) |
| 22100 | OJ990503_03.9A01.C26.p1.np | keyword:transcription(not_available) |
| 22101 | OJ990503_03.9A01.C35.p1.np | keyword:transcription(not_available) |
| 22102 | OJ990504_06.9C17.C57.p2.np | keyword:transcription(not_available) |
| 22103 | OJ990517_13.9A08.C2.p2.np | keyword:transcription(not_available) |
| 22104 | OJ990517_24.9A01.C2.p2.np | keyword:transcription(not_available) |
| 22105 | OJ990520_06.0103.C104.p6.np | keyword:transcription(not_available) |
| 22106 | OJ990520_06.0103.C105.p1.np | keyword:transcription(not_available) |
| 22107 | OJ990520_06.0103.C27.p2.np | keyword:transcription(not_available) |
| 22108 | OJ990520_13.9922.C16.p1.np | keyword:transcription(not_available) |
| 22109 | OJ990520_13.9922.C4.p3.np | keyword:transcription(not_available) |
| 22110 | OJ990520_30.9922.C7.p3.np | keyword:transcription(not_available) |
| 22111 | OJ990520_31.9819.C4.p2.np | keyword:transcription(not_available) |
| 22112 | OJ990525_14.9C03.C9.p16.np | keyword:transcription(not_available) |
| 22113 | OJ990525_14.9C03.C9.p17.np | keyword:transcription(not_available) |
| 22114 | OJ990526_06.0419.C63.p1.np | keyword:transcription(not_available) |
| 22115 | OJ990526_06.0419.C75.p1.np | keyword:transcription(not_available) |
| 22116 | OJ990527_24.9A20.C6.p2.np | keyword:transcription(not_available) |
| 22117 | OJ990527_26.9C10.C36.p1.np | keyword:transcription(not_available) |
| 22118 | OJ990527_26.9C10.C37.p1.np | keyword:transcription(not_available) |
| 22119 | OJ990527_26.9C10.C9.p4.np | keyword:transcription(not_available) |

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| 22120 | OJ990527_27.9B15.C2.p1.np | keyword:transcription(not_availa ble) |
| 22121 | OJ990527_36.9922.C5.p9.np | keyword:transcription(not_availa ble) |
| 22122 | OJ990612_37.0317.C4.p1.np | keyword:transcription(not_availa ble) |
| 22123 | OJ990612_37.9819.C4.p1.np | keyword:transcription(not_availa ble) |
| 22124 | OJ990615_10.0419.C115.p1.np | keyword:transcription(not_availa ble) |
| 22125 | OJ990616_04.9C17.C7.p1.np | keyword:transcription(not_availa ble) |
| 22126 | OJ990616_06.9C10.C39.p1.np | keyword:transcription(not_availa ble) |
| 22127 | OJ990616_06.9C10.C40.p2.np | keyword:transcription(not_availa ble) |
| 22128 | OJ990616_10.0419.C133.p1.np | keyword:transcription(not_availa ble) |
| 22129 | OJ990617_02.9B01.C11.p1.np | keyword:transcription(not_availa ble) |
| 22130 | OJ990617_02.9B01.C62.p1.np | keyword:transcription(not_availa ble) |
| 22131 | OJ990617_02.9B01.C93.p1.np | keyword:transcription(not_availa ble) |
| 22132 | OJ990618_07.9C01.C9.p2.np | keyword:transcription(not_availa ble) |
| 22133 | OJ990619_31.9922.C10.p4.np | keyword:transcription(not_availa ble) |
| 22134 | OJ990619_33.9922.C8.p3.np | keyword:transcription(not_availa ble) |
| 22135 | OJ990619_42.9A26.C16.p1.np | keyword:transcription(not_availa ble) |
| 22136 | OJ990619_51.9920.C22.p1.np | keyword:transcription(not_availa ble) |
| 22137 | OJ990627_42.9B05.C12.p3.np | keyword:transcription(not_availa ble) |
| 22138 | OJ990630_07.9B22.C33.p1.np | keyword:transcription(not_availa ble) |
| 22139 | OJ990701_03.9919.C2.p1.np | keyword:transcription(not_availa ble) |
| 22140 | OJ990701_04.0103.C8.p1.np | keyword:transcription(not_availa ble) |
| 22141 | OJ990701_13.9B05.C7.p1.np | keyword:transcription(not_availa ble) |
| 22142 | OJ990705_39.9919.C8.p2.np | keyword:transcription(not_availa ble) |
| 22143 | OJ990705_39.9919.C9.p4.np | keyword:transcription(not_availa ble) |
| 22144 | OJ990712_08.9B12.C4.p2.np | keyword:transcription(not_availa ble) |
| 22145 | OJ990714_02.9C17.C11.p1.np | keyword:transcription(not_availa ble) |
| 22146 | OJ990716_08.9A20.C15.p3.np | keyword:transcription(not_availa ble) |

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| 22147 | OJ990716_08.9A20.C9.p3.np | keyword:transcription(not_ava ble) |
| 22148 | OJ990720_10.9C17.C20.p1.np | keyword:transcription(not_ava ble) |
| 22149 | OJ990721_02.9B16.C3.p3.np | keyword:transcription(not_ava ble) |
| 22150 | OJ990721_12.0210.C23.p1.np | keyword:transcription(not_ava ble) |
| 22151 | OJ990726_11.9C03.C4.p1.np | keyword:transcription(not_ava ble) |
| 22152 | OJ990810_04.0303.C32.p1.np | keyword:transcription(not_ava ble) |
| 22153 | OJ990818_05.9C01.C14.p2.np | keyword:transcription(not_ava ble) |
| 22154 | OJ990818_05.9C01.C15.p1.np | keyword:transcription(not_ava ble) |
| 22155 | OJ990821_59.9C23.C11.p1.np | keyword:transcription(not_ava ble) |
| 22156 | OJ990823_07.9B10.C21.p1.np | keyword:transcription(not_ava ble) |
| 22157 | OJ990825_13.9B24.C39.p1.np | keyword:transcription(not_ava ble) |
| 22158 | OJ990826_04.9B03.C6.p1.np | keyword:transcription(not_ava ble) |
| 22159 | OJ990826_04.9B03.C6.p2.np | keyword:transcription(not_ava ble) |
| 22160 | OJ990915_03.9B04.C19.p3.np | keyword:transcription(not_ava ble) |
| 22161 | OJ990920_06.9B02.C27.p1.np | keyword:transcription(not_ava ble) |
| 22162 | OJ990920_16.0419.C24.p2.np | keyword:transcription(not_ava ble) |
| 22163 | OJ990920_16.0419.C25.p1.np | keyword:transcription(not_ava ble) |
| 22164 | OJ990920_18.9C06.C7.p1.np | keyword:transcription(not_ava ble) |
| 22165 | OJ990921_06.9C10.C1.p3.np | keyword:transcription(not_ava ble) |
| 22166 | OJ990922_02.9C17.C17.p2.np | keyword:transcription(not_ava ble) |
| 22167 | OJ990930_05.0421.C8.p1.np | keyword:transcription(not_ava ble) |
| 22168 | OJ991006_02.0113.C2.p4.np | keyword:transcription(not_ava ble) |
| 22169 | OJ991019_16.0118.C17.p1.np | keyword:transcription(not_ava ble) |
| 22170 | OJ991019_19.0306.C18.p1.np | keyword:transcription(not_ava ble) |
| 22171 | OJ991022_17.0225.C11.p1.np | keyword:transcription(not_ava ble) |
| 22172 | OJ991101_10.0225.C10.p1.np | keyword:transcription(not_ava ble) |
| 22173 | OJ991102_13.0120.C9.p7.np | keyword:transcription(not_ava ble) |

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| 22174 | OJ991103_02.0126.C1.p1.np | keyword:transcription(not_availe) |
| 22175 | OJ991109_03.0218.C5.p5.np | keyword:transcription(not_availe) |
| 22176 | OJ991109_03.0218.C6.p1.np | keyword:transcription(not_availe) |
| 22177 | OJ991112_03.0119.C20.p1.np | keyword:transcription(not_availe) |
| 22178 | OJ991113_35.0112.C2.p7.np | keyword:transcription(not_availe) |
| 22179 | OJ991113_45.0419.C30.p1.np | keyword:transcription(not_availe) |
| 22180 | OJ991114_36.0128.C8.p1.np | keyword:transcription(not_availe) |
| 22181 | OJ991114_46.0419.C13.p1.np | keyword:transcription(not_availe) |
| 22182 | OJ991116_07.0128.C8.p2.np | keyword:transcription(not_availe) |
| 22183 | OJ991116_09.0222.C11.p3.np | keyword:transcription(not_availe) |
| 22184 | OJ991116_09.0414.C12.p3.np | keyword:transcription(not_availe) |
| 22185 | OJ991116_10.0419.C12.p1.np | keyword:transcription(not_availe) |
| 22186 | OJ991117_12.0421.C2.p2.np | keyword:transcription(not_availe) |
| 22187 | OJ991117_16.0419.C7.p1.np | keyword:transcription(not_availe) |
| 22188 | OJ991121_36.0121.C29.p3.np | keyword:transcription(not_availe) |
| 22189 | OJ991202_08.9C30.C31.p1.np | keyword:transcription(not_availe) |
| 22190 | OJ991203_03.0128.C1.p16.np | keyword:transcription(not_availe) |
| 22191 | OJ991203_03.0128.C1.p2.np | keyword:transcription(not_availe) |
| 22192 | OJ991203_03.0128.C1.p8.np | keyword:transcription(not_availe) |
| 22193 | OJ991203_03.0128.C2.p4.np | keyword:transcription(not_availe) |
| 22194 | OJ991203_19.0126.C9.p2.np | keyword:transcription(not_availe) |
| 22195 | OJ991203_19.0421.C9.p2.np | keyword:transcription(not_availe) |
| 22196 | OJ991206_18.0131.C15.p1.np | keyword:transcription(not_availe) |
| 22197 | OJ991208_04.0128.C18.p1.np | keyword:transcription(not_availe) |
| 22198 | OJ991211_57.0228.C33.p6.np | keyword:transcription(not_availe) |
| 22199 | OJ991211_57.0228.C6.p1.np | keyword:transcription(not_availe) |
| 22200 | OJ991216_11.0113.C22.p2.np | keyword:transcription(not_availe) |

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| 22201 | OJ991217_08.0202.C7.p2.np | keyword:transcription(not_available) |
| 22202 | OJ991226_35.0419.C13.p1.np | keyword:transcription(not_available) |
| 22203 | OJ991226_45.0419.C3.p3.np | keyword:transcription(not_available) |
| 22204 | OJ000229_09.0328.C13.p1.np | keyword:transcription(not_available),keyword:AT-hook(not_available) |
| 22205 | OJ000303_08.0404.C3.p2.np | keyword:transcription(not_available),keyword:AT-hook(not_available) |
| 22206 | OJ000310_09.0419.C37.p1.np | keyword:transcription(not_available),keyword:ap2(not_available) |
| 22207 | OJ990616_06.9C10.C56.p1.np | keyword:transcription(not_available),keyword:ap2(not_available) |
| 22208 | OJ990708_04.9A01.C13.p1.np | keyword:transcription(not_available),keyword:ap2(not_available) |
| 22209 | OJ000111_20.0215.C4.p3.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22210 | OJ000111_20.0426.C4.p3.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22211 | OJ000119_08.0302.C4.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22212 | OJ000209_22.0228.C8.p2.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22213 | OJ000323_34.0412.C22.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22214 | OJ000323_34.0420.C6.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22215 | OJ000330_03.0419.C32.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22216 | OJ000331_13.0420.C6.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22217 | OJ000350_34.0310.C14.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22218 | OJ000350_34.0310.C40.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22219 | OJ000350_34.0310.C8.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22220 | OJ990518_08.9C03.C1.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22221 | OJ990804_14.9B12.C25.p2.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22222 | OJ990810_15.0216.C30.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22223 | OJ990810_15.0216.C37.p3.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22224 | OJ990810_16.0310.C26.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22225 | OJ990810_16.0310.C29.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |
| 22226 | OJ990810_16.0310.C59.p1.np | keyword:transcription(not_available),keyword:bzip(not_available) |

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| 22227 | OJ990821_45.0103.C7.p2.np | keyword:transcription(not_ava ble),keyword:bzip(not_ava lable) |
| 22228 | OJ990907_11.0103.C3.p1.np | keyword:transcription(not_ava ble),keyword:bzip(not_ava lable) |
| 22229 | OJ000150_31.0124.C11.p1.np | keyword:transcription(not_ava ble),keyword:dna- binding(not_ava lable) |
| 22230 | OJ000150_31.0124.C16.p1.np | keyword:transcription(not_ava ble),keyword:dna- binding(not_ava lable) |
| 22231 | OJ990510_04.9919.C20.p2.np | keyword:transcription(not_ava ble),keyword:dna- binding(not_ava lable) |
| 22232 | OJ990923_18.9B12.C12.p2.np | keyword:transcription(not_ava ble),keyword:dna- binding(not_ava lable) |
| 22233 | OJ991208_14.0104.C20.p1.np | keyword:transcription(not_ava ble),keyword:dna- binding(not_ava lable) |
| 22234 | OJ991214_09.0112.C5.p2.np | keyword:transcription(not_ava ble),keyword:dna- binding(not_ava lable) |
| 22235 | OJ000208_05.0322.C24.p3.np | keyword:transcription(not_ava ble),keyword:homeodomain(not_ available) |
| 22236 | OJ000315_30.0419.C15.p1.np | keyword:transcription(not_ava ble),keyword:homeodomain(not_ available) |
| 22237 | OJ000330_03.0419.C51.p2.np | keyword:transcription(not_ava ble),keyword:homeodomain(not_ available) |
| 22238 | OJ000330_03.0419.C52.p1.np | keyword:transcription(not_ava ble),keyword:homeodomain(not_ available) |
| 22239 | OJ990526_09.9924.C10.p1.np | keyword:transcription(not_ava ble),keyword:homeodomain(not_ available) |
| 22240 | OJ990617_05.9924.C8.p1.np | keyword:transcription(not_ava ble),keyword:homeodomain(not_ available) |
| 22241 | OJ991217_13.0118.C1.p1.np | keyword:transcription(not_ava ble),keyword:homeodomain(not_ available) |
| 22242 | OJ990602_04.0103.C54.p1.np | keyword:transcription(not_ava ble),keyword:mads(not_ava lable)) |
| 22243 | OJ990604_02.9A01.C31.p1.np | keyword:transcription(not_ava ble),keyword:mads(not_ava lable)) |
| 22244 | OJ000315_38.0419.C29.p1.np | keyword:transcription(not_ava ble),keyword:myb(not_ava lable) |
| 22245 | OJ000403_26.0419.C22.p2.np | keyword:transcription(not_ava ble),keyword:myb(not_ava lable) |
| 22246 | OJ990324_01.0103.C38.p1.np | keyword:transcription(not_ava ble) |

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| 22247 | OJ990602_03.0107.C7.p1.np | ble),keyword:myb(not_available) keyword:transcription(not_available),keyword:myb(not_available) |
| 22248 | OJ000214_08.0419.C20.p1.np | keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available) |
| 22249 | OJ000323_38.0418.C26.p1.np | keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available) |
| 22250 | OJ990520_01.9B12.C56.p1.np | keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available) |
| 22251 | OJ990528_25.9B19.C9.p1.np | keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available) |
| 22252 | OJ991121_41.0421.C6.p1.np | keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available) |
| 22253 | OJ991121_41.9C28.C6.p1.np | keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available) |
| 22254 | OJ990515_21.9922.C12.p1.np | keyword:transcription(not_available),keyword:zinc-finger(not_available) |
| 22255 | OJ990528_10.0419.C67.p1.np | keyword:transcription(not_available),keyword:zinc-finger(not_available) |
| 22256 | OJ991216_02.0218.C17.p1.np | keyword:transcription(not_available),keyword:zinc-finger(not_available) |
| 22257 | OJ991216_02.0218.C20.p1.np | keyword:transcription(not_available),keyword:zinc-finger(not_available) |
| 22258 | OJ000107_15.0222.C7.p1.np | keyword:zinc-finger(not_available) |
| 22259 | OJ000108_35.0406.C2.p1.np | keyword:zinc-finger(not_available) |
| 22260 | OJ000108_35.0426.C2.p1.np | keyword:zinc-finger(not_available) |
| 22261 | OJ000108_59.0310.C10.p1.np | keyword:zinc-finger(not_available) |
| 22262 | OJ000112_19.0225.C6.p3.np | keyword:zinc-finger(not_available) |
| 22263 | OJ000113_05.0222.C3.p2.np | keyword:zinc-finger(not_available) |
| 22264 | OJ000113_05.0426.C3.p2.np | keyword:zinc-finger(not_available) |
| 22265 | OJ000113_24.0203.C10.p3.np | keyword:zinc- |

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| 22266 | OJ000114_24.0315.C4.p1.np | finger(not_available) keyword:zinc- |
| 22267 | OJ000118_04.0218.C10.p1.np | finger(not_available) keyword:zinc- |
| 22268 | OJ000118_20.0222.C20.p1.np | finger(not_available) keyword:zinc- |
| 22269 | OJ000118_23.0419.C11.p1.np | finger(not_available) keyword:zinc- |
| 22270 | OJ000122_43.0303.C6.p2.np | finger(not_available) keyword:zinc- |
| 22271 | OJ000150_15.0124.C9.p2.np | finger(not_available) keyword:zinc- |
| 22272 | OJ000207_21.0419.C26.p2.np | finger(not_available) keyword:zinc- |
| 22273 | OJ000208_25.0419.C37.p2.np | finger(not_available) keyword:zinc- |
| 22274 | OJ000210_12.0419.C6.p2.np | finger(not_available) keyword:zinc- |
| 22275 | OJ000214_25.0320.C24.p1.np | finger(not_available) keyword:zinc- |
| 22276 | OJ000223_06.0316.C3.p1.np | finger(not_available) keyword:zinc- |
| 22277 | OJ000250_10.0209.C2.p2.np | finger(not_available) keyword:zinc- |
| 22278 | OJ000250_28.0208.C8.p2.np | finger(not_available) keyword:zinc- |
| 22279 | OJ000251_11.0419.C8.p1.np | finger(not_available) keyword:zinc- |
| 22280 | OJ000301_06.0419.C17.p3.np | finger(not_available) keyword:zinc- |
| 22281 | OJ000301_23.0419.C25.p1.np | finger(not_available) keyword:zinc- |
| 22282 | OJ000301_23.0419.C26.p2.np | finger(not_available) keyword:zinc- |
| 22283 | OJ000302_26.0419.C44.p3.np | finger(not_available) keyword:zinc- |
| 22284 | OJ000310_28.0419.C8.p3.np | finger(not_available) keyword:zinc- |
| 22285 | OJ000314_28.0405.C7.p1.np | finger(not_available) keyword:zinc- |
| 22286 | OJ000314_28.0405.C8.p1.np | finger(not_available) keyword:zinc- |
| 22287 | OJ000315_06.0413.C5.p2.np | finger(not_available) keyword:zinc- |
| 22288 | OJ000315_06.0420.C4.p2.np | finger(not_available) keyword:zinc- |
| 22289 | OJ000315_38.0419.C7.p1.np | finger(not_available) keyword:zinc- |
| 22290 | OJ000316_06.0418.C27.p1.np | finger(not_available) keyword:zinc- |
| 22291 | OJ000316_29.0424.C49.p1.np | finger(not_available) keyword:zinc- |
| 22292 | OJ000323_25.0420.C16.p1.np | finger(not_available) keyword:zinc- |

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| 22293 | OJ000328_01.0419.C29.p1.np | finger(not_available) keyword:zinc- |
| 22294 | OJ000330_17.0421.C5.p1.np | finger(not_available) keyword:zinc- |
| 22295 | OJ000331_01.0419.C17.p1.np | finger(not_available) keyword:zinc- |
| 22296 | OJ000331_04.0419.C52.p2.np | finger(not_available) keyword:zinc- |
| 22297 | OJ000350_13.0310.C31.p1.np | finger(not_available) keyword:zinc- |
| 22298 | OJ000350_34.0310.C7.p1.np | finger(not_available) keyword:zinc- |
| 22299 | OJ000350_68.0327.C17.p2.np | finger(not_available) keyword:zinc- |
| 22300 | OJ000403_02.0421.C3.p2.np | finger(not_available) keyword:zinc- |
| 22301 | OJ000404_31.0419.C32.p2.np | finger(not_available) keyword:zinc- |
| 22302 | OJ990317_03.9922.C25.p1.np | finger(not_available) keyword:zinc- |
| 22303 | OJ990318_08.9C23.C96.p1.np | finger(not_available) keyword:zinc- |
| 22304 | OJ990318_08.9C23.C97.p1.np | finger(not_available) keyword:zinc- |
| 22305 | OJ990323_12.0103.C116.p1.np | finger(not_available) keyword:zinc- |
| 22306 | OJ990323_14.9A18.C7.p1.np | finger(not_available) keyword:zinc- |
| 22307 | OJ990325_08.0419.C1.p1.np | finger(not_available) keyword:zinc- |
| 22308 | OJ990325_08.0419.C25.p1.np | finger(not_available) keyword:zinc- |
| 22309 | OJ990325_08.9524.C37.p1.np | finger(not_available) keyword:zinc- |
| 22310 | OJ990325_08.9524.C38.p1.np | finger(not_available) keyword:zinc- |
| 22311 | OJ990330_19.9819.C9.p4.np | finger(not_available) keyword:zinc- |
| 22312 | OJ990406_06.9819.C64.p1.np | finger(not_available) keyword:zinc- |
| 22313 | OJ990408_10.9819.C26.p2.np | finger(not_available) keyword:zinc- |
| 22314 | OJ990412_08.9923.C18.p1.np | finger(not_available) keyword:zinc- |
| 22315 | OJ990412_09.9923.C15.p1.np | finger(not_available) keyword:zinc- |
| 22316 | OJ990419_07.9923.C17.p1.np | finger(not_available) keyword:zinc- |
| 22317 | OJ990422_24.9924.C2.p2.np | finger(not_available) keyword:zinc- |
| 22318 | OJ990423_08.9924.C10.p1.np | finger(not_available) keyword:zinc- |
| 22319 | OJ990423_08.9924.C24.p1.np | finger(not_available) keyword:zinc- |

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| 22320 | OJ990423_08.9924.C9.p1.np | finger(not_available) keyword:zinc- |
| 22321 | OJ990428_05.9819.C55.p2.np | finger(not_available) keyword:zinc- |
| 22322 | OJ990428_08.9924.C14.p1.np | finger(not_available) keyword:zinc- |
| 22323 | OJ990428_08.9924.C36.p2.np | finger(not_available) keyword:zinc- |
| 22324 | OJ990428_22.9924.C5.p2.np | finger(not_available) keyword:zinc- |
| 22325 | OJ990430_01.9C03.C68.p2.np | finger(not_available) keyword:zinc- |
| 22326 | OJ990504_02.9A01.C24.p2.np | finger(not_available) keyword:zinc- |
| 22327 | OJ990517_03.9C03.C27.p1.np | finger(not_available) keyword:zinc- |
| 22328 | OJ990517_24.9A01.C2.p1.np | finger(not_available) keyword:zinc- |
| 22329 | OJ990524_03.0103.C38.p1.np | finger(not_available) keyword:zinc- |
| 22330 | OJ990524_07.0128.C6.p1.np | finger(not_available) keyword:zinc- |
| 22331 | OJ990528_32.9922.C7.p1.np | finger(not_available) keyword:zinc- |
| 22332 | OJ990601_07.9B12.C14.p2.np | finger(not_available) keyword:zinc- |
| 22333 | OJ990601_07.9B12.C15.p1.np | finger(not_available) keyword:zinc- |
| 22334 | OJ990601_07.9B12.C37.p1.np | finger(not_available) keyword:zinc- |
| 22335 | OJ990602_02.0421.C16.p1.np | finger(not_available) keyword:zinc- |
| 22336 | OJ990602_02.0421.C29.p3.np | finger(not_available) keyword:zinc- |
| 22337 | OJ990602_02.9C20.C16.p1.np | finger(not_available) keyword:zinc- |
| 22338 | OJ990602_02.9C20.C35.p3.np | finger(not_available) keyword:zinc- |
| 22339 | OJ990602_02.9C20.C35.p4.np | finger(not_available) keyword:zinc- |
| 22340 | OJ990605_30.0419.C41.p1.np | finger(not_available) keyword:zinc- |
| 22341 | OJ990605_32.9C03.C4.p1.np | finger(not_available) keyword:zinc- |
| 22342 | OJ990612_32.9A01.C9.p2.np | finger(not_available) keyword:zinc- |
| 22343 | OJ990626_40.0211.C12.p2.np | finger(not_available) keyword:zinc- |
| 22344 | OJ990709_06.9927.C1.p1.np | finger(not_available) keyword:zinc- |
| 22345 | OJ990712_06.9922.C5.p2.np | finger(not_available) keyword:zinc- |
| 22346 | OJ990713_11.9B12.C12.p2.np | finger(not_available) keyword:zinc- |

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| 22347 | OJ990808_31.0103.C20.p1.np | finger(not_available) keyword:zinc- |
| 22348 | OJ990808_35.9C09.C5.p5.np | finger(not_available) keyword:zinc- |
| 22349 | OJ990808_36.9C20.C5.p7.np | finger(not_available) keyword:zinc- |
| 22350 | OJ990808_39.0421.C12.p1.np | finger(not_available) keyword:zinc- |
| 22351 | OJ990808_39.0421.C9.p1.np | finger(not_available) keyword:zinc- |
| 22352 | OJ990808_39.9C20.C13.p1.np | finger(not_available) keyword:zinc- |
| 22353 | OJ990808_39.9C20.C9.p1.np | finger(not_available) keyword:zinc- |
| 22354 | OJ990808_42.0204.C17.p4.np | finger(not_available) keyword:zinc- |
| 22355 | OJ990808_47.9C20.C3.p7.np | finger(not_available) keyword:zinc- |
| 22356 | OJ990810_15.0216.C28.p1.np | finger(not_available) keyword:zinc- |
| 22357 | OJ990810_16.0310.C28.p1.np | finger(not_available) keyword:zinc- |
| 22358 | OJ990816_08.0419.C29.p1.np | finger(not_available) keyword:zinc- |
| 22359 | OJ990816_08.0419.C30.p1.np | finger(not_available) keyword:zinc- |
| 22360 | OJ990817_15.0419.C35.p1.np | finger(not_available) keyword:zinc- |
| 22361 | OJ990823_06.9B03.C8.p2.np | finger(not_available) keyword:zinc- |
| 22362 | OJ990823_15.9B09.C10.p1.np | finger(not_available) keyword:zinc- |
| 22363 | OJ990823_15.9B09.C11.p1.np | finger(not_available) keyword:zinc- |
| 22364 | OJ990823_15.9B09.C11.p2.np | finger(not_available) keyword:zinc- |
| 22365 | OJ990824_03.0105.C4.p1.np | finger(not_available) keyword:zinc- |
| 22366 | OJ990920_18.9C06.C25.p2.np | finger(not_available) keyword:zinc- |
| 22367 | OJ990923_03.9B10.C8.p1.np | finger(not_available) keyword:zinc- |
| 22368 | OJ990923_03.9B10.C8.p2.np | finger(not_available) keyword:zinc- |
| 22369 | OJ990930_04.9C01.C6.p1.np | finger(not_available) keyword:zinc- |
| 22370 | OJ991008_20.0419.C28.p1.np | finger(not_available) keyword:zinc- |
| 22371 | OJ991014_02.0110.C25.p1.np | finger(not_available) keyword:zinc- |
| 22372 | OJ991021_03.0413.C25.p3.np | finger(not_available) keyword:zinc- |
| 22373 | OJ991027_16.0118.C17.p2.np | finger(not_available) keyword:zinc- |

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| 22374 | OJ991029_03.0127.C5.p4.np | finger(not_available) keyword:zinc- |
| 22375 | OJ991101_09.0131.C23.p1.np | finger(not_available) keyword:zinc- |
| 22376 | OJ991101_09.0131.C25.p1.np | finger(not_available) keyword:zinc- |
| 22377 | OJ991101_09.0131.C25.p2.np | finger(not_available) keyword:zinc- |
| 22378 | OJ991106_34.9C09.C6.p1.np | finger(not_available) keyword:zinc- |
| 22379 | OJ991107_38.9C13.C14.p1.np | finger(not_available) keyword:zinc- |
| 22380 | OJ991107_38.9C13.C4.p3.np | finger(not_available) keyword:zinc- |
| 22381 | OJ991107_38.9C13.C5.p1.np | finger(not_available) keyword:zinc- |
| 22382 | OJ991108_17.0417.C4.p1.np | finger(not_available) keyword:zinc- |
| 22383 | OJ991108_18.0331.C11.p4.np | finger(not_available) keyword:zinc- |
| 22384 | OJ991110_05.0307.C12.p3.np | finger(not_available) keyword:zinc- |
| 22385 | OJ991114_35.0419.C25.p1.np | finger(not_available) keyword:zinc- |
| 22386 | OJ991114_41.9C06.C6.p2.np | finger(not_available) keyword:zinc- |
| 22387 | OJ991114_41.9C06.C6.p5.np | finger(not_available) keyword:zinc- |
| 22388 | OJ991117_12.0421.C22.p1.np | finger(not_available) keyword:zinc- |
| 22389 | OJ991121_47.9C30.C11.p1.np | finger(not_available) keyword:zinc- |
| 22390 | OJ991122_11.0207.C8.p2.np | finger(not_available) keyword:zinc- |
| 22391 | OJ991208_08.0128.C5.p2.np | finger(not_available) keyword:zinc- |
| 22392 | OJ991209_08.0222.C4.p8.np | finger(not_available) keyword:zinc- |
| 22393 | OJ991216_07.0301.C8.p11.np | finger(not_available) keyword:zinc- |
| 22394 | OJ991216_07.0301.C9.p1.np | finger(not_available) keyword:zinc- |
| 22395 | OJ991217_19.0128.C4.p5.np | finger(not_available) keyword:zinc- |
| 22396 | OJ991225_70.0308.C19.p2.np | finger(not_available) keyword:zinc- |
| 22397 | OJ990601_02.9C17.C4.p2.np | finger(not_available),keyword:C ONSTANS(not_available) |
| 22398 | OJ991208_04.0128.C14.p2.np | finger(not_available),keyword:C ONSTANS(not_available) |
| 22399 | OJ000107_15.0426.C7.p1.np | keyword:zinc- |

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| | | finger(not_available),keyword:zinc-finger(not_available) |
| 22400 | OJ000118_04.0310.C9.p1.np | keyword:zinc-finger(not_available),keyword:zinc-finger(not_available) |
| 22401 | OJ000207_11.0306.C8.p1.np | keyword:zinc-finger(not_available),keyword:zinc-finger(not_available) |
| 22402 | OJ000214_22.0328.C2.p2.np | keyword:zinc-finger(not_available),keyword:zinc-finger(not_available) |
| 22403 | OJ991122_11.0317.C7.p2.np | keyword:zinc-finger(not_available),keyword:zinc-finger(not_available) |
| 22404 | OJ000102_56.0407.C45.p2.np | lim(HMM:4.1e-28) |
| 22405 | OJ000102_56.0426.C45.p2.np | lim(HMM:4.1e-28) |
| 22406 | OJ000251_42.0328.C11.p2.np | lim(HMM:3e-26) |
| 22407 | OJ000301_15.0330.C7.p1.np | lim(HMM:4.4e-33) |
| 22408 | OJ000307_05.0403.C12.p2.np | lim(HMM:7.1e-34) |
| 22409 | OJ000310_31.0425.C12.p1.np | lim(HMM:1.4e-16) |
| 22410 | OJ000320_39.0418.C4.p2.np | lim(HMM:6e-17) |
| 22411 | OJ000323_09.0424.C18.p1.np | lim(HMM:4.4e-33) |
| 22412 | OJ000450_09.0412.C2.p5.np | lim(HMM:7.1e-34) |
| 22413 | OJ990420_06.9923.C24.p1.np | lim(HMM:7.1e-34) |
| 22414 | OJ990503_01.9A29.C47.p2.np | lim(HMM:7.1e-34) |
| 22415 | OJ991011_05.0103.C7.p1.np | lim(HMM:4.4e-33) |
| 22416 | OJ991111_07.0330.C4.p8.np | lim(HMM:2.7),zfc3hc4(HMM:3.6e-25) |
| 22417 | OJ000150_00.0124.C64.p1.np | linker_histone(HMM:3.3e-31) |
| 22418 | OJ000322_06.0424.C18.p2.np | linker_histone(HMM:5.1e-19) |
| 22419 | OJ990323_15.9A11.C4.p1.np | linker_histone(HMM:3.3e-31) |
| 22420 | OJ990515_23.9A07.C3.p2.np | linker_histone(HMM:4.9e-32) |
| 22421 | OJ990907_15.9C03.C5.p2.np | linker_histone(HMM:9.5e-24) |
| 22422 | OJ991115_07.0218.C7.p1.np | linker_histone(HMM:2.9e-20) |
| 22423 | OJ000102_56.0407.C45.p7.np | myb_dna-binding(HMM:0.00015) |
| 22424 | OJ000102_56.0426.C45.p7.np | myb_dna-binding(HMM:0.00015) |
| 22425 | OJ000108_30.0403.C40.p1.np | myb_dna-binding(HMM:5e-40) |
| 22426 | OJ000108_30.0403.C40.p2.np | myb_dna-binding(HMM:2.3) |
| 22427 | OJ000108_30.0426.C40.p1.np | myb_dna-binding(HMM:5e-40) |
| 22428 | OJ000108_30.0426.C40.p2.np | myb_dna-binding(HMM:2.3) |
| 22429 | OJ000110_04.0426.C9.p2.np | myb_dna-binding(HMM:0.0062) |
| 22430 | OJ000112_16.0202.C3.p1.np | myb_dna-binding(HMM:5e-41) |
| 22431 | OJ000112_16.0426.C3.p1.np | myb_dna-binding(HMM:5e-41) |
| 22432 | OJ000114_03.0320.C13.p1.np | myb_dna-binding(HMM:2e-40) |
| 22433 | OJ000114_03.0320.C13.p2.np | myb_dna-binding(HMM:2.3) |
| 22434 | OJ000117_03.0225.C6.p1.np | myb_dna-binding(HMM:2e-40) |
| 22435 | OJ000117_03.0225.C6.p2.np | myb_dna-binding(HMM:2.3) |
| 22436 | OJ000117_03.0317.C9.p1.np | myb_dna-binding(HMM:2e-40) |
| 22437 | OJ000118_13.0419.C5.p1.np | myb_dna-binding(HMM:2e-11) |
| 22438 | OJ000126_12.0229.C6.p3.np | myb_dna-binding(HMM:4.5e-36) |
| 22439 | OJ000150_17.0124.C39.p2.np | myb_dna-binding(HMM:7.4e-44) |
| 22440 | OJ000150_24.0124.C2.p2.np | myb_dna-binding(HMM:1.2e-46) |

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| 22441 | OJ000207_08.0302.C14.p1.np | myb_dna-binding(HMM:0.0017) |
| 22442 | OJ000207_17.0306.C10.p1.np | myb_dna-binding(HMM:5.2e-38) |
| 22443 | OJ000207_17.0323.C8.p1.np | myb_dna-binding(HMM:5.2e-38) |
| 22444 | OJ000207_21.0419.C15.p1.np | myb_dna-binding(HMM:1.8e-06) |
| 22445 | OJ000209_08.0309.C18.p2.np | myb_dna-binding(HMM:1.4e-39) |
| 22446 | OJ000209_09.0301.C16.p1.np | myb_dna-binding(HMM:6.6e-17) |
| 22447 | OJ000209_09.0301.C7.p3.np | myb_dna-binding(HMM:1.2e-09) |
| 22448 | OJ000209_09.0323.C13.p1.np | myb_dna-binding(HMM:6.6e-17) |
| 22449 | OJ000209_13.0316.C5.p1.np | myb_dna-binding(HMM:3.3e-30) |
| 22450 | OJ000209_23.0320.C5.p3.np | myb_dna-binding(HMM:1.4e-39) |
| 22451 | OJ000210_18.0310.C13.p1.np | myb_dna-binding(HMM:4e-43) |
| 22452 | OJ000221_09.0419.C19.p1.np | myb_dna-binding(HMM:1.1e-56) |
| 22453 | OJ000222_08.0317.C5.p1.np | myb_dna-binding(HMM:3e-42) |
| 22454 | OJ000222_12.0404.C10.p1.np | myb_dna-binding(HMM:5.2e-30) |
| 22455 | OJ000229_14.0327.C16.p1.np | myb_dna-binding(HMM:1.9e-21) |
| 22456 | OJ000229_14.0327.C6.p1.np | myb_dna-binding(HMM:1.8e-43) |
| 22457 | OJ000229_23.0323.C13.p1.np | myb_dna-binding(HMM:2.9e-12) |
| 22458 | OJ000229_23.0323.C25.p2.np | myb_dna-binding(HMM:0.041) |
| 22459 | OJ000250_27.0208.C2.p1.np | myb_dna-binding(HMM:0.13) |
| 22460 | OJ000250_27.0208.C3.p1.np | myb_dna-binding(HMM:7.7e-23) |
| 22461 | OJ000250_27.0303.C17.p1.np | myb_dna-binding(HMM:7.4e-44) |
| 22462 | OJ000250_37.0210.C13.p1.np | myb_dna-binding(HMM:1.8e-38) |
| 22463 | OJ000250_40.0211.C23.p2.np | myb_dna-binding(HMM:9e-59) |
| 22464 | OJ000250_45.0211.C9.p1.np | myb_dna-binding(HMM:7.5e-14) |
| 22465 | OJ000250_46.0303.C2.p2.np | myb_dna-binding(HMM:5.9e-28) |
| 22466 | OJ000250_47.0215.C8.p3.np | myb_dna-binding(HMM:9.5) |
| 22467 | OJ000250_47.0303.C8.p3.np | myb_dna-binding(HMM:9.5) |
| 22468 | OJ000250_48.0211.C1.p2.np | myb_dna-binding(HMM:1.2e-46) |
| 22469 | OJ000250_89.0214.C6.p1.np | myb_dna-binding(HMM:4e-11) |
| 22470 | OJ000250_91.0405.C8.p1.np | myb_dna-binding(HMM:0.00072) |
| 22471 | OJ000251_42.0328.C13.p3.np | myb_dna-binding(HMM:0.00015) |
| 22472 | OJ000301_13.0330.C21.p5.np | myb_dna-binding(HMM:4.6e-14) |
| 22473 | OJ000301_13.0330.C21.p6.np | myb_dna-binding(HMM:9.1e-19) |
| 22474 | OJ000301_13.0330.C6.p1.np | myb_dna-binding(HMM:5.5e-37) |
| 22475 | OJ000302_04.0410.C11.p1.np | myb_dna-binding(HMM:8.4e-41) |
| 22476 | OJ000302_15.0331.C20.p1.np | myb_dna-binding(HMM:8.5e-18) |
| 22477 | OJ000303_15.0419.C22.p1.np | myb_dna-binding(HMM:5.5e-37) |
| 22478 | OJ000306_09.0407.C21.p1.np | myb_dna-binding(HMM:9.4e-11) |
| 22479 | OJ000313_29.0419.C8.p2.np | myb_dna-binding(HMM:2.8e-19) |
| 22480 | OJ000314_12.0418.C3.p2.np | myb_dna-binding(HMM:7e-43) |
| 22481 | OJ000314_35.0419.C13.p1.np | myb_dna-binding(HMM:1.5e-14) |
| 22482 | OJ000315_06.0413.C16.p1.np | myb_dna-binding(HMM:1.7e-26) |
| 22483 | OJ000315_06.0420.C18.p1.np | myb_dna-binding(HMM:1.7e-26) |
| 22484 | OJ000315_22.0413.C6.p2.np | myb_dna-binding(HMM:0.11) |
| 22485 | OJ000315_22.0420.C6.p2.np | myb_dna-binding(HMM:0.11) |
| 22486 | OJ000315_30.0419.C3.p2.np | myb_dna-binding(HMM:3e-37) |
| 22487 | OJ000315_40.0420.C11.p3.np | myb_dna-binding(HMM:3.5e-41) |
| 22488 | OJ000316_14.0419.C8.p1.np | myb_dna-binding(HMM:4.7e-37) |
| 22489 | OJ000316_33.0410.C24.p1.np | myb_dna-binding(HMM:0.00028) |
| 22490 | OJ000316_33.0410.C55.p1.np | myb_dna-binding(HMM:4.5e-06) |
| 22491 | OJ000320_11.0419.C19.p1.np | myb_dna-binding(HMM:3.5e-20) |

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| 22492 | OJ000320_11.0419.C24.p1.np | myb_dna-binding(HMM:1.9e-40) |
| 22493 | OJ000320_14.0419.C18.p3.np | myb_dna-binding(HMM:3e-59) |
| 22494 | OJ000321_03.0417.C6.p1.np | myb_dna-binding(HMM:7.8e-44) |
| 22495 | OJ000321_03.0426.C4.p1.np | myb_dna-binding(HMM:7.8e-44) |
| 22496 | OJ000321_07.0419.C3.p1.np | myb_dna-binding(HMM:7e-43) |
| 22497 | OJ000321_15.0419.C23.p1.np | myb_dna-binding(HMM:1.2e-14) |
| 22498 | OJ000321_15.0419.C33.p1.np | myb_dna-binding(HMM:8.1e-33) |
| 22499 | OJ000321_23.0424.C32.p1.np | myb_dna-binding(HMM:2.7e-19) |
| 22500 | OJ000321_37.0419.C14.p1.np | myb_dna-binding(HMM:0.035) |
| 22501 | OJ000321_37.0419.C14.p2.np | myb_dna-binding(HMM:0.035) |
| 22502 | OJ000322_20.0419.C24.p1.np | myb_dna-binding(HMM:4.7e-32) |
| 22503 | OJ000323_30.0420.C9.p4.np | myb_dna-binding(HMM:2.8e-06) |
| 22504 | OJ000323_38.0418.C27.p1.np | myb_dna-binding(HMM:2e-06) |
| 22505 | OJ000324_03.0419.C5.p1.np | myb_dna-binding(HMM:2.3e-08) |
| 22506 | OJ000327_02.0418.C8.p1.np | myb_dna-binding(HMM:1.1e-37) |
| 22507 | OJ000330_31.0424.C25.p1.np | myb_dna-binding(HMM:7.6e-37) |
| 22508 | OJ000330_31.0424.C28.p1.np | myb_dna-binding(HMM:1.5e-32) |
| 22509 | OJ000330_36.0424.C6.p1.np | myb_dna-binding(HMM:2e-40) |
| 22510 | OJ000330_36.0424.C6.p2.np | myb_dna-binding(HMM:1.3) |
| 22511 | OJ000331_08.0419.C35.p1.np | myb_dna-binding(HMM:6.6e-26) |
| 22512 | OJ000350_22.0419.C6.p1.np | myb_dna-binding(HMM:1.8e-42) |
| 22513 | OJ000350_36.0314.C7.p4.np | myb_dna-binding(HMM:5.8e-41) |
| 22514 | OJ000350_37.0314.C11.p2.np | myb_dna-binding(HMM:1.1e-33) |
| 22515 | OJ000350_38.0313.C9.p1.np | myb_dna-binding(HMM:1e-05) |
| 22516 | OJ000350_39.0314.C2.p5.np | myb_dna-binding(HMM:3e-42) |
| 22517 | OJ000403_04.0421.C14.p1.np | myb_dna-binding(HMM:0.34) |
| 22518 | OJ000403_04.0421.C14.p2.np | myb_dna-binding(HMM:0.34) |
| 22519 | OJ000404_27.0421.C2.p1.np | myb_dna-binding(HMM:1.2e-42) |
| 22520 | OJ990105_08.9819.C26.p1.np | myb_dna-binding(HMM:0.001) |
| 22521 | OJ990201_04.9819.C8.p1.np | myb_dna-binding(HMM:4.5e-43) |
| 22522 | OJ990203_02.9819.C24.p4.np | myb_dna-binding(HMM:0.0034) |
| 22523 | OJ990203_06.9819.C1.p1.np | myb_dna-binding(HMM:8.8e-42) |
| 22524 | OJ990203_06.9819.C42.p1.np | myb_dna-binding(HMM:5.6e-07) |
| 22525 | OJ990304_02.9B12.C1.p2.np | myb_dna-binding(HMM:2.3e-39) |
| 22526 | OJ990310_04.9819.C14.p1.np | myb_dna-binding(HMM:4.4e-32) |
| 22527 | OJ990311_11.9819.C26.p1.np | myb_dna-binding(HMM:0.00072) |
| 22528 | OJ990312_09.9B12.C38.p1.np | myb_dna-binding(HMM:2e-40) |
| 22529 | OJ990319_07.9819.C49.p2.np | myb_dna-binding(HMM:6.8e-24) |
| 22530 | OJ990324_01.0103.C55.p2.np | myb_dna-binding(HMM:4.7e-42) |
| 22531 | OJ990330_16.9923.C9.p1.np | myb_dna-binding(HMM:4.1e-09) |
| 22532 | OJ990407_02.9923.C33.p1.np | myb_dna-binding(HMM:5.5e-37) |
| 22533 | OJ990407_03.0420.C71.p1.np | myb_dna-binding(HMM:2.1e-05) |
| 22534 | OJ990407_03.0420.C8.p2.np | myb_dna-binding(HMM:4.4e-40) |
| 22535 | OJ990407_03.9819.C5.p1.np | myb_dna-binding(HMM:5e-40) |
| 22536 | OJ990407_11.9922.C13.p3.np | myb_dna-binding(HMM:2e-14) |
| 22537 | OJ990415_02.0103.C3.p5.np | myb_dna-binding(HMM:4e-16) |
| 22538 | OJ990423_05.9C10.C14.p1.np | myb_dna-binding(HMM:1.9e-43) |
| 22539 | OJ990423_05.9C10.C38.p1.np | myb_dna-binding(HMM:5.4e-15) |
| 22540 | OJ990426_20.9924.C6.p1.np | myb_dna-binding(HMM:8.7e-20) |
| 22541 | OJ990430_26.9B12.C3.p3.np | myb_dna-binding(HMM:0.061) |
| 22542 | OJ990430_26.9B12.C3.p6.np | myb_dna-binding(HMM:0.34) |
| 22543 | OJ990430_26.9B12.C3.p7.np | myb_dna-binding(HMM:0.34) |
| 22544 | OJ990501_23.9C03.C1.p4.np | myb_dna-binding(HMM:1.5) |

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| 22545 | OJ990502_23.9B12.C8.p5.np | myb_dna-binding(HMM:0.0034) |
| 22546 | OJ990503_05.9B12.C19.p2.np | myb_dna-binding(HMM:2e-11) |
| 22547 | OJ990503_28.9924.C2.p1.np | myb_dna-binding(HMM:0.0015) |
| 22548 | OJ990505_06.9A11.C25.p1.np | myb_dna-binding(HMM:0.00085) |
| 22549 | OJ990520_12.9A19.C2.p1.np | myb_dna-binding(HMM:1.1e-37) |
| 22550 | OJ990527_20.0419.C28.p1.np | myb_dna-binding(HMM:2.9e-12) |
| 22551 | OJ990527_23.9C10.C1.p3.np | myb_dna-binding(HMM:2.9e-32) |
| 22552 | OJ990527_23.9C10.C5.p1.np | myb_dna-binding(HMM:2.9e-12) |
| 22553 | OJ990527_23.9C10.C9.p2.np | myb_dna-binding(HMM:0.041) |
| 22554 | OJ990527_26.9C10.C4.p3.np | myb_dna-binding(HMM:0.0048) |
| 22555 | OJ990528_20.9B10.C7.p2.np | myb_dna-binding(HMM:7.1e-28) |
| 22556 | OJ990528_25.9B19.C8.p1.np | myb_dna-binding(HMM:3.9e-12) |
| 22557 | OJ990602_02.0421.C21.p2.np | myb_dna-binding(HMM:1.5e-41) |
| 22558 | OJ990602_02.9C20.C21.p2.np | myb_dna-binding(HMM:1.5e-41) |
| 22559 | OJ990602_03.0107.C20.p1.np | myb_dna-binding(HMM:2.1e-42) |
| 22560 | OJ990603_08.0419.C29.p1.np | myb_dna-binding(HMM:1.7e-17) |
| 22561 | OJ990603_08.0419.C29.p2.np | myb_dna-binding(HMM:1.7e-17) |
| 22562 | OJ990605_41.0225.C5.p2.np | myb_dna-binding(HMM:6e-39) |
| 22563 | OJ990605_41.0225.C5.p7.np | myb_dna-binding(HMM:0.0062) |
| 22564 | OJ990605_42.9C03.C4.p2.np | myb_dna-binding(HMM:1.9e-10) |
| 22565 | OJ990612_34.9A01.C4.p1.np | myb_dna-binding(HMM:4.3e-41) |
| 22566 | OJ990617_05.9924.C12.p2.np | myb_dna-binding(HMM:0.015) |
| 22567 | OJ990617_05.9924.C14.p1.np | myb_dna-binding(HMM:4.1e-20) |
| 22568 | OJ990617_14.9B23.C10.p1.np | myb_dna-binding(HMM:0.07) |
| 22569 | OJ990621_04.9C03.C20.p1.np | myb_dna-binding(HMM:5.8e-20) |
| 22570 | OJ990703_47.9C16.C3.p2.np | myb_dna-binding(HMM:3.9e-12) |
| 22571 | OJ990708_12.9919.C4.p3.np | myb_dna-binding(HMM:3.3e-37) |
| 22572 | OJ990709_03.9C01.C2.p5.np | myb_dna-binding(HMM:0.24) |
| 22573 | OJ990713_04.9C17.C21.p1.np | myb_dna-binding(HMM:1.5e-11) |
| 22574 | OJ990713_05.9924.C8.p2.np | myb_dna-binding(HMM:0.066) |
| 22575 | OJ990713_11.9B12.C13.p1.np | myb_dna-binding(HMM:7.1e-14) |
| 22576 | OJ990730_08.9C10.C3.p8.np | myb_dna-binding(HMM:1.5e-11) |
| 22577 | OJ990730_14.0419.C28.p1.np | myb_dna-binding(HMM:4.1e-06) |
| 22578 | OJ990802_13.9920.C1.p11.np | myb_dna-binding(HMM:0.035) |
| 22579 | OJ990808_36.9C20.C8.p2.np | myb_dna-binding(HMM:8.6e-37) |
| 22580 | OJ990808_57.0118.C7.p4.np | myb_dna-binding(HMM:5.8e-20) |
| 22581 | OJ990810_05.9B08.C11.p4.np | myb_dna-binding(HMM:0.00013) |
| 22582 | OJ990817_02.9A01.C10.p1.np | myb_dna-binding(HMM:4.5e-36) |
| 22583 | OJ990821_49.0128.C15.p1.np | myb_dna-binding(HMM:2.4) |
| 22584 | OJ990822_47.0103.C2.p1.np | myb_dna-binding(HMM:4.1e-43) |
| 22585 | OJ990823_07.9B10.C11.p1.np | myb_dna-binding(HMM:7.7e-17) |
| 22586 | OJ990826_04.9B03.C24.p3.np | myb_dna-binding(HMM:9.4e-11) |
| 22587 | OJ990827_09.0103.C7.p1.np | myb_dna-binding(HMM:1.1e-37) |
| 22588 | OJ990830_12.9C03.C13.p1.np | myb_dna-binding(HMM:6.4e-41) |
| 22589 | OJ990903_09.9B04.C8.p1.np | myb_dna-binding(HMM:8.5e-41) |
| 22590 | OJ990903_11.9C01.C17.p7.np | myb_dna-binding(HMM:5.7e-50) |
| 22591 | OJ990903_18.0103.C6.p1.np | myb_dna-binding(HMM:0.099) |
| 22592 | OJ990907_09.9B19.C14.p1.np | myb_dna-binding(HMM:1.6e-37) |
| 22593 | OJ990914_18.9B24.C2.p1.np | myb_dna-binding(HMM:7.1e-14) |
| 22594 | OJ990915_02.9A18.C18.p1.np | myb_dna-binding(HMM:7.4e-44) |
| 22595 | OJ990917_16.9B08.C15.p1.np | myb_dna-binding(HMM:0.0045) |
| 22596 | OJ990920_18.9C06.C35.p1.np | myb_dna-binding(HMM:7.1e-14) |

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| 22597 | OJ990920_19.9B02.C24.p1.np | myb_dna-binding(HMM:4.5e-36) |
| 22598 | OJ990923_12.9C01.C6.p2.np | myb_dna-binding(HMM:2.8e-19) |
| 22599 | OJ990929_01.9C17.C26.p1.np | myb_dna-binding(HMM:5e-37) |
| 22600 | OJ990929_01.9C17.C40.p1.np | myb_dna-binding(HMM:1.5e-13) |
| 22601 | OJ990930_19.9B12.C17.p1.np | myb_dna-binding(HMM:6.6e-36) |
| 22602 | OJ991008_03.0207.C32.p1.np | myb_dna-binding(HMM:1.2e-42) |
| 22603 | OJ991008_04.0121.C44.p1.np | myb_dna-binding(HMM:2.4e-19) |
| 22604 | OJ991019_16.0118.C16.p1.np | myb_dna-binding(HMM:4.1e-09) |
| 22605 | OJ991019_19.0306.C17.p1.np | myb_dna-binding(HMM:4.1e-09) |
| 22606 | OJ991019_20.0419.C29.p2.np | myb_dna-binding(HMM:6.8e-38) |
| 22607 | OJ991022_02.0211.C16.p1.np | myb_dna-binding(HMM:5e-40) |
| 22608 | OJ991026_16.0118.C6.p3.np | myb_dna-binding(HMM:7e-43) |
| 22609 | OJ991028_05.0211.C8.p1.np | myb_dna-binding(HMM:0.0045) |
| 22610 | OJ991028_13.0204.C7.p1.np | myb_dna-binding(HMM:1.3e-27) |
| 22611 | OJ991028_14.0118.C7.p5.np | myb_dna-binding(HMM:5.7e-06) |
| 22612 | OJ991029_03.0127.C6.p10.np | myb_dna-binding(HMM:2.3e-37) |
| 22613 | OJ991106_31.9C23.C3.p3.np | myb_dna-binding(HMM:1.1e-36) |
| 22614 | OJ991106_34.9C09.C8.p1.np | myb_dna-binding(HMM:3.2e-35) |
| 22615 | OJ991108_05.0126.C8.p1.np | myb_dna-binding(HMM:5.8e-20) |
| 22616 | OJ991109_19.0421.C13.p1.np | myb_dna-binding(HMM:1.5e-06) |
| 22617 | OJ991110_11.0419.C9.p1.np | myb_dna-binding(HMM:0.01) |
| 22618 | OJ991111_11.0124.C15.p1.np | myb_dna-binding(HMM:0.24) |
| 22619 | OJ991111_14.0204.C8.p4.np | myb_dna-binding(HMM:0.24) |
| 22620 | OJ991112_15.0104.C13.p1.np | myb_dna-binding(HMM:7e-43) |
| 22621 | OJ991113_45.0419.C18.p1.np | myb_dna-binding(HMM:2.7e-40) |
| 22622 | OJ991114_31.9C13.C3.p3.np | myb_dna-binding(HMM:1.3e-41) |
| 22623 | OJ991114_31.9C13.C3.p5.np | myb_dna-binding(HMM:1.6e-39) |
| 22624 | OJ991114_44.9C30.C6.p1.np | myb_dna-binding(HMM:4.4e-05) |
| 22625 | OJ991115_07.0218.C16.p1.np | myb_dna-binding(HMM:4.7e-42) |
| 22626 | OJ991116_05.0330.C7.p5.np | myb_dna-binding(HMM:6.1e-35) |
| 22627 | OJ991116_14.0222.C1.p2.np | myb_dna-binding(HMM:6.3e-11) |
| 22628 | OJ991117_14.0410.C4.p1.np | myb_dna-binding(HMM:2.5e-31) |
| 22629 | OJ991119_07.0316.C11.p1.np | myb_dna-binding(HMM:5.7e-37) |
| 22630 | OJ991120_34.0419.C7.p2.np | myb_dna-binding(HMM:1.8e-37) |
| 22631 | OJ991121_36.0121.C40.p1.np | myb_dna-binding(HMM:3.9e-12) |
| 22632 | OJ991121_41.0421.C5.p2.np | myb_dna-binding(HMM:2.5e-10) |
| 22633 | OJ991121_41.9C28.C5.p2.np | myb_dna-binding(HMM:2.5e-10) |
| 22634 | OJ991121_44.0419.C29.p1.np | myb_dna-binding(HMM:0.041) |
| 22635 | OJ991121_44.0419.C34.p1.np | myb_dna-binding(HMM:2.9e-12) |
| 22636 | OJ991122_01.9C23.C1.p1.np | myb_dna-binding(HMM:0.0048) |
| 22637 | OJ991122_03.0421.C4.p1.np | myb_dna-binding(HMM:1.8e-43) |
| 22638 | OJ991122_03.9C23.C4.p1.np | myb_dna-binding(HMM:1.8e-43) |
| 22639 | OJ991122_19.0330.C4.p1.np | myb_dna-binding(HMM:4.7e-42) |
| 22640 | OJ991201_17.0119.C2.p1.np | myb_dna-binding(HMM:8.5e-19) |
| 22641 | OJ991202_08.9C30.C7.p3.np | myb_dna-binding(HMM:0.00012) |
| 22642 | OJ991208_17.0104.C4.p1.np | myb_dna-binding(HMM:5e-40) |
| 22643 | OJ991211_50.0403.C1.p1.np | myb_dna-binding(HMM:1.3e-33) |
| 22644 | OJ991214_10.0222.C51.p1.np | myb_dna-binding(HMM:0.0017) |
| 22645 | OJ991214_14.0204.C1.p4.np | myb_dna-binding(HMM:1.9e-43) |
| 22646 | OJ991215_06.0118.C6.p7.np | myb_dna-binding(HMM:3.1e-60) |
| 22647 | OJ991215_15.0127.C46.p1.np | myb_dna-binding(HMM:8.5e-41) |
| 22648 | OJ991216_07.0301.C8.p5.np | myb_dna-binding(HMM:7.1e-14) |
| 22649 | OJ991225_70.0308.C24.p1.np | myb_dna-binding(HMM:7.1e-14) |

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| 22650 | OJ991226_43.0315.C36.p2.np | myb_dna-binding(HMM:0.0045) |
| 22651 | OJ990502_23.9B12.C8.p2.np | myb_dna-binding(HMM:0.0034),zf-cchc(HMM:0.00074) |
| 22652 | OJ991106_31.9C23.C3.p1.np | myb_dna-binding(HMM:1.1e-36),zf-cchc(HMM:2.2e-06) |
| 22653 | OJ000204_18.0225.C8.p1.np | myb_dna-binding(HMM:3.1e-12),zz(HMM:0.03) |
| 22654 | OJ000321_16.0419.C14.p2.np | myb_dna-binding(HMM:4e-11),zz(HMM:1.1e-10) |
| 22655 | OJ000107_05.0215.C31.p1.np | nam(HMM:2.1e-13) |
| 22656 | OJ000107_05.0426.C31.p1.np | nam(HMM:2.1e-13) |
| 22657 | OJ000112_09.0209.C8.p4.np | nam(HMM:6.7e-86) |
| 22658 | OJ000112_09.0303.C5.p4.np | nam(HMM:6.7e-86) |
| 22659 | OJ000112_09.0426.C5.p4.np | nam(HMM:6.7e-86) |
| 22660 | OJ000113_11.0225.C13.p1.np | nam(HMM:2.9e-87) |
| 22661 | OJ000118_14.0228.C1.p2.np | nam(HMM:6.1e-11) |
| 22662 | OJ000118_14.0331.C1.p2.np | nam(HMM:6.1e-11) |
| 22663 | OJ000118_16.0301.C6.p1.np | nam(HMM:0.3) |
| 22664 | OJ000118_21.0313.C17.p2.np | nam(HMM:1.5e-52) |
| 22665 | OJ000150_22.0124.C86.p2.np | nam(HMM:4.3e-77) |
| 22666 | OJ000150_24.0124.C2.p4.np | nam(HMM:7.1e-85) |
| 22667 | OJ000204_17.0323.C4.p1.np | nam(HMM:5.4e-78) |
| 22668 | OJ000207_13.0303.C7.p4.np | nam(HMM:2.4e-54) |
| 22669 | OJ000209_02.0314.C24.p2.np | nam(HMM:8e-86) |
| 22670 | OJ000211_24.0317.C8.p2.np | nam(HMM:8.2e-34) |
| 22671 | OJ000214_05.0303.C10.p1.np | nam(HMM:2.1e-77) |
| 22672 | OJ000223_01.0320.C7.p2.np | nam(HMM:0.00071) |
| 22673 | OJ000223_03.0330.C22.p2.np | nam(HMM:8.8e-53) |
| 22674 | OJ000228_07.0410.C6.p1.np | nam(HMM:6.2e-69) |
| 22675 | OJ000229_02.0323.C6.p2.np | nam(HMM:7.3e-65) |
| 22676 | OJ000229_24.0419.C20.p1.np | nam(HMM:8e-84) |
| 22677 | OJ000229_24.0419.C3.p1.np | nam(HMM:1.7e-86) |
| 22678 | OJ000250_39.0223.C10.p2.np | nam(HMM:3.9e-66) |
| 22679 | OJ000250_49.0214.C7.p1.np | nam(HMM:8.4e-66) |
| 22680 | OJ000250_61.0419.C22.p1.np | nam(HMM:1.1e-67) |
| 22681 | OJ000250_73.0214.C5.p3.np | nam(HMM:1.2e-53) |
| 22682 | OJ000251_06.0419.C162.p1.np | nam(HMM:9e-84) |
| 22683 | OJ000302_09.0414.C4.p3.np | nam(HMM:3e-87) |
| 22684 | OJ000303_22.0419.C12.p1.np | nam(HMM:5.2e-72) |
| 22685 | OJ000303_22.0419.C14.p1.np | nam(HMM:6.7e-88) |
| 22686 | OJ000303_28.0419.C18.p2.np | nam(HMM:8.4e-66) |
| 22687 | OJ000308_22.0419.C15.p2.np | nam(HMM:3.9e-66) |
| 22688 | OJ000310_04.0419.C8.p1.np | nam(HMM:1.1e-12) |
| 22689 | OJ000310_04.0419.C9.p1.np | nam(HMM:0.2) |
| 22690 | OJ000313_19.0419.C59.p1.np | nam(HMM:3.5e-54) |
| 22691 | OJ000314_10.0411.C6.p1.np | nam(HMM:1.5e-73) |
| 22692 | OJ000314_10.0420.C3.p1.np | nam(HMM:1.5e-73) |
| 22693 | OJ000314_15.0419.C32.p1.np | nam(HMM:4.4e-59) |
| 22694 | OJ000314_27.0419.C11.p1.np | nam(HMM:1.5e-44) |
| 22695 | OJ000314_37.0412.C9.p2.np | nam(HMM:1.6e-11) |
| 22696 | OJ000314_37.0412.C9.p3.np | nam(HMM:1.6e-11) |
| 22697 | OJ000314_37.0420.C9.p2.np | nam(HMM:1.6e-11) |
| 22698 | OJ000314_37.0420.C9.p3.np | nam(HMM:1.6e-11) |

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| 22699 | OJ000315_11.0419.C14.p1.np | nam(HMM:3.4e-71) |
| 22700 | OJ000315_34.0407.C13.p2.np | nam(HMM:1.5e-44) |
| 22701 | OJ000315_34.0407.C13.p6.np | nam(HMM:1.5e-44) |
| 22702 | OJ000315_34.0420.C7.p2.np | nam(HMM:1.5e-44) |
| 22703 | OJ000315_34.0420.C7.p6.np | nam(HMM:1.5e-44) |
| 22704 | OJ000316_07.0419.C11.p1.np | nam(HMM:4.4e-55) |
| 22705 | OJ000316_19.0419.C12.p1.np | nam(HMM:6.8e-07) |
| 22706 | OJ000316_19.0419.C2.p1.np | nam(HMM:0.093) |
| 22707 | OJ000321_03.0417.C3.p2.np | nam(HMM:8.8e-10) |
| 22708 | OJ000321_03.0426.C3.p2.np | nam(HMM:8.8e-10) |
| 22709 | OJ000322_18.0419.C24.p1.np | nam(HMM:1.6e-11) |
| 22710 | OJ000327_10.0424.C2.p1.np | nam(HMM:1.5e-06) |
| 22711 | OJ000327_18.0420.C19.p1.np | nam(HMM:2.8e-94) |
| 22712 | OJ000330_01.0424.C29.p1.np | nam(HMM:0.12) |
| 22713 | OJ000330_14.0419.C34.p1.np | nam(HMM:3.3e-83) |
| 22714 | OJ000331_24.0424.C16.p2.np | nam(HMM:8.8e-53) |
| 22715 | OJ000350_09.0323.C12.p1.np | nam(HMM:1.2e-42) |
| 22716 | OJ000350_60.0419.C17.p1.np | nam(HMM:5.8e-82) |
| 22717 | OJ000404_39.0424.C24.p1.np | nam(HMM:2.7e-06) |
| 22718 | OJ000405_19.0424.C38.p1.np | nam(HMM:1.6e-76) |
| 22719 | OJ000450_12.0410.C1.p9.np | nam(HMM:1.9e-90) |
| 22720 | OJ990203_05.9819.C19.p3.np | nam(HMM:3.1e-55) |
| 22721 | OJ990203_06.9819.C6.p3.np | nam(HMM:1.9) |
| 22722 | OJ990205_04.9819.C77.p1.np | nam(HMM:3.9e-31) |
| 22723 | OJ990212_06.9819.C5.p1.np | nam(HMM:5.1e-23) |
| 22724 | OJ990319_04.9819.C24.p1.np | nam(HMM:2.9e-87) |
| 22725 | OJ990319_05.9819.C16.p3.np | nam(HMM:2.4e-88) |
| 22726 | OJ990319_06.9C10.C47.p1.np | nam(HMM:2.9e-87) |
| 22727 | OJ990323_14.9A18.C9.p3.np | nam(HMM:4.5e-42) |
| 22728 | OJ990402_22.9819.C15.p2.np | nam(HMM:5.9e-51) |
| 22729 | OJ990402_22.9819.C18.p1.np | nam(HMM:0.0015) |
| 22730 | OJ990412_12.9A01.C33.p1.np | nam(HMM:4.9e-09) |
| 22731 | OJ990429_05.9924.C10.p1.np | nam(HMM:7.3e-72) |
| 22732 | OJ990501_25.9604.C41.p1.np | nam(HMM:2.1e-52) |
| 22733 | OJ990502_29.9924.C7.p1.np | nam(HMM:3.9e-31) |
| 22734 | OJ990517_04.9A01.C74.p1.np | nam(HMM:6.3e-07) |
| 22735 | OJ990518_06.9B05.C17.p1.np | nam(HMM:1.1e-05) |
| 22736 | OJ990518_06.9B05.C41.p1.np | nam(HMM:1.5e-45) |
| 22737 | OJ990518_06.9B05.C41.p2.np | nam(HMM:3.5e-26) |
| 22738 | OJ990518_06.9B05.C44.p1.np | nam(HMM:3.9e-24) |
| 22739 | OJ990518_06.9B05.C44.p2.np | nam(HMM:3.9e-28) |
| 22740 | OJ990520_03.9C23.C51.p2.np | nam(HMM:4.8e-34) |
| 22741 | OJ990524_01.0421.C7.p1.np | nam(HMM:7.8e-54) |
| 22742 | OJ990524_13.0103.C11.p5.np | nam(HMM:6.1e-17) |
| 22743 | OJ990527_26.9C10.C2.p1.np | nam(HMM:2.1e-85) |
| 22744 | OJ990527_26.9C10.C2.p8.np | nam(HMM:1.5e-88) |
| 22745 | OJ990531_31.0419.C102.p2.np | nam(HMM:9.3e-89) |
| 22746 | OJ990531_40.9C03.C1.p5.np | nam(HMM:4.4e-81) |
| 22747 | OJ990601_08.9A22.C43.p1.np | nam(HMM:1.9e-81) |
| 22748 | OJ990617_04.9A01.C3.p1.np | nam(HMM:6.4e-74) |
| 22749 | OJ990617_04.9A01.C5.p1.np | nam(HMM:6.7e-88) |
| 22750 | OJ990630_14.9C03.C3.p2.np | nam(HMM:1.2e-53) |
| 22751 | OJ990716_04.0107.C10.p4.np | nam(HMM:3.2e-83) |
| 22752 | OJ990723_09.9A14.C9.p5.np | nam(HMM:7.3e-65) |

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| 22753 | OJ990729_01.0114.C4.p3.np | nam(HMM:1e-10) |
| 22754 | OJ990729_01.0114.C5.p1.np | nam(HMM:2.6e-08) |
| 22755 | OJ990729_01.0114.C5.p3.np | nam(HMM:1.6e-07) |
| 22756 | OJ990730_05.9C17.C9.p2.np | nam(HMM:8.8e-53) |
| 22757 | OJ990805_01.9B19.C11.p2.np | nam(HMM:8.8e-53) |
| 22758 | OJ990818_12.9924.C8.p1.np | nam(HMM:2e-67) |
| 22759 | OJ990827_07.9C08.C12.p2.np | nam(HMM:7.5e-26) |
| 22760 | OJ990903_07.9B08.C10.p1.np | nam(HMM:1.5e-45) |
| 22761 | OJ990903_07.9B08.C21.p1.np | nam(HMM:3.9e-24) |
| 22762 | OJ990903_07.9B08.C21.p2.np | nam(HMM:3.9e-28) |
| 22763 | OJ990903_07.9B08.C23.p1.np | nam(HMM:5.5e-08) |
| 22764 | OJ990909_08.0222.C18.p1.np | nam(HMM:8.6e-45) |
| 22765 | OJ990909_10.0114.C22.p1.np | nam(HMM:1.9e-85) |
| 22766 | OJ990910_18.9C14.C5.p1.np | nam(HMM:1.2e-53) |
| 22767 | OJ990917_17.9C10.C21.p2.np | nam(HMM:9e-84) |
| 22768 | OJ991007_18.0120.C4.p4.np | nam(HMM:4.6e-65) |
| 22769 | OJ991014_01.0111.C7.p3.np | nam(HMM:9.5e-44) |
| 22770 | OJ991019_16.0118.C21.p6.np | nam(HMM:6.6e-24) |
| 22771 | OJ991019_19.0306.C2.p5.np | nam(HMM:7.1e-25) |
| 22772 | OJ991022_01.0229.C2.p1.np | nam(HMM:3.9e-31) |
| 22773 | OJ991106_46.9C17.C3.p4.np | nam(HMM:4.3e-77) |
| 22774 | OJ991107_45.0203.C15.p1.np | nam(HMM:4.4e-81) |
| 22775 | OJ991108_12.0404.C9.p1.np | nam(HMM:3.9e-87) |
| 22776 | OJ991111_05.0125.C7.p1.np | nam(HMM:4.8e-34) |
| 22777 | OJ991114_36.0128.C4.p1.np | nam(HMM:1.9e-67) |
| 22778 | OJ991201_14.0118.C3.p2.np | nam(HMM:1.8e-75) |
| 22779 | OJ991206_18.0131.C4.p5.np | nam(HMM:2.7e-42) |
| 22780 | OJ991208_15.0103.C9.p1.np | nam(HMM:7.4e-77) |
| 22781 | OJ991210_06.0110.C33.p1.np | nam(HMM:1.2e-53) |
| 22782 | OJ991211_65.0317.C9.p1.np | nam(HMM:3.1e-83) |
| 22783 | OJ991217_05.0131.C13.p2.np | nam(HMM:6.1e-11) |
| 22784 | OJ000150_24.0124.C2.p13.np | nap_family(HMM:3.5e-27) |
| 22785 | OJ000251_15.0321.C7.p3.np | nap_family(HMM:2.1e-101) |
| 22786 | OJ000315_35.0410.C15.p1.np | nap_family(HMM:1e-77) |
| 22787 | OJ000315_35.0420.C18.p1.np | nap_family(HMM:1e-77) |
| 22788 | OJ000320_40.0413.C13.p7.np | nap_family(HMM:1.1e-113) |
| 22789 | OJ990416_07.9B12.C39.p3.np | nap_family(HMM:3.5e-27) |
| 22790 | Contig1.p1.np | phd(HMM:1.9e-13) |
| 22791 | OJ000102_54.0426.C81.p1.np | phd(HMM:0.045) |
| 22792 | OJ000108_54.0419.C46.p1.np | phd(HMM:0.045) |
| 22793 | OJ000108_54.0426.C46.p1.np | phd(HMM:0.045) |
| 22794 | OJ000112_09.0209.C6.p1.np | phd(HMM:0.0094) |
| 22795 | OJ000112_09.0303.C4.p4.np | phd(HMM:0.0094) |
| 22796 | OJ000112_09.0426.C4.p4.np | phd(HMM:0.0094) |
| 22797 | OJ000114_12.0208.C8.p2.np | phd(HMM:2.2e-15) |
| 22798 | OJ000114_12.0208.C8.p3.np | phd(HMM:2.4e-12) |
| 22799 | OJ000150_16.0124.C45.p1.np | phd(HMM:5.8e-12) |
| 22800 | OJ000207_16.0301.C3.p2.np | phd(HMM:9.9e-06) |
| 22801 | OJ000207_17.0306.C15.p1.np | phd(HMM:7.5e-15) |
| 22802 | OJ000207_17.0323.C13.p1.np | phd(HMM:7.5e-15) |
| 22803 | OJ000209_26.0229.C18.p1.np | phd(HMM:4.1e-12) |
| 22804 | OJ000210_16.0330.C7.p1.np | phd(HMM:3.6e-05) |
| 22805 | OJ000250_21.0225.C1.p1.np | phd(HMM:1.9e-13) |
| 22806 | OJ000301_23.0419.C12.p1.np | phd(HMM:0.013) |

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| 22807 | OJ000303_03.0419.C2.p1.np | phd(HMM:4.4e-07) |
| 22808 | OJ000303_07.0419.C23.p1.np | phd(HMM:5.1e-05) |
| 22809 | OJ000307_12.0403.C23.p2.np | phd(HMM:9.9e-06) |
| 22810 | OJ000313_17.0419.C14.p1.np | phd(HMM:4.4e-07) |
| 22811 | OJ000314_14.0419.C3.p1.np | phd(HMM:3.3e-12) |
| 22812 | OJ000314_30.0419.C4.p4.np | phd(HMM:2.4e-12) |
| 22813 | OJ000316_06.0418.C41.p1.np | phd(HMM:1.2) |
| 22814 | OJ000316_25.0419.C14.p3.np | phd(HMM:2.4e-12) |
| 22815 | OJ000321_06.0419.C38.p1.np | phd(HMM:1.1e-11) |
| 22816 | OJ000321_20.0425.C17.p2.np | phd(HMM:9.9e-06) |
| 22817 | OJ000323_04.0424.C11.p2.np | phd(HMM:0.068) |
| 22818 | OJ000324_22.0424.C26.p1.np | phd(HMM:0.031) |
| 22819 | OJ000324_24.0419.C27.p1.np | phd(HMM:0.031) |
| 22820 | OJ000327_33.0419.C43.p1.np | phd(HMM:2.4e-10) |
| 22821 | OJ000350_00.0328.C17.p5.np | phd(HMM:0.024) |
| 22822 | OJ000404_02.0421.C48.p1.np | phd(HMM:1.4e-08) |
| 22823 | OJ000404_03.0424.C22.p1.np | phd(HMM:3.6e-05) |
| 22824 | OJ000404_20.0424.C16.p1.np | phd(HMM:0.079) |
| 22825 | OJ000450_15.0411.C1.p2.np | phd(HMM:0.027) |
| 22826 | OJ990303_10.0420.C5.p1.np | phd(HMM:1.3e-12) |
| 22827 | OJ990303_10.9819.C5.p1.np | phd(HMM:1.3e-12) |
| 22828 | OJ990323_20.9A03.C10.p4.np | phd(HMM:1.1e-11) |
| 22829 | OJ990330_17.9819.C15.p1.np | phd(HMM:2.2e-15) |
| 22830 | OJ990330_19.9819.C30.p3.np | phd(HMM:0.017) |
| 22831 | OJ990406_09.9819.C17.p1.np | phd(HMM:5.7e-06) |
| 22832 | OJ990410_26.9922.C4.p2.np | phd(HMM:2.1e-07) |
| 22833 | OJ990410_26.9922.C4.p3.np | phd(HMM:2.1e-07) |
| 22834 | OJ990420_09.9923.C12.p1.np | phd(HMM:0.031) |
| 22835 | OJ990428_05.9819.C55.p1.np | phd(HMM:1.1e-14) |
| 22836 | OJ990428_31.9924.C29.p1.np | phd(HMM:1.4e-05) |
| 22837 | OJ990430_01.9C03.C46.p1.np | phd(HMM:0.0085) |
| 22838 | OJ990519_30.9A20.C2.p1.np | phd(HMM:0.0047) |
| 22839 | OJ990524_05.0103.C20.p1.np | phd(HMM:0.02) |
| 22840 | OJ990524_05.0103.C37.p1.np | phd(HMM:0.026) |
| 22841 | OJ990620_39.9919.C20.p3.np | phd(HMM:8.4e-07) |
| 22842 | OJ990625_06.9927.C4.p3.np | phd(HMM:5.8e-12) |
| 22843 | OJ990709_11.9922.C1.p7.np | phd(HMM:1.1e-11) |
| 22844 | OJ990722_11.9C01.C10.p1.np | phd(HMM:0.028) |
| 22845 | OJ990727_08.9B05.C5.p2.np | phd(HMM:2.5e-15) |
| 22846 | OJ990727_08.9B05.C9.p1.np | phd(HMM:2.4e-10) |
| 22847 | OJ990802_16.9C17.C2.p1.np | phd(HMM:0.019) |
| 22848 | OJ990808_43.0110.C2.p2.np | phd(HMM:2.9e-14) |
| 22849 | OJ990808_43.0110.C3.p5.np | phd(HMM:2.2e-05) |
| 22850 | OJ990821_45.0103.C10.p1.np | phd(HMM:0.018) |
| 22851 | OJ990821_45.0421.C4.p1.np | phd(HMM:0.018) |
| 22852 | OJ990821_55.0110.C23.p3.np | phd(HMM:0.079) |
| 22853 | OJ990821_61.9C20.C9.p1.np | phd(HMM:0.02) |
| 22854 | OJ990822_41.0128.C4.p1.np | phd(HMM:0.068) |
| 22855 | OJ990826_07.0103.C1.p1.np | phd(HMM:4.4e-07) |
| 22856 | OJ990907_08.9B19.C6.p1.np | phd(HMM:6.2e-08) |
| 22857 | OJ991109_05.0121.C12.p1.np | phd(HMM:2.4e-10) |
| 22858 | OJ991109_20.9C22.C25.p1.np | phd(HMM:9.5e-07) |
| 22859 | OJ991110_07.0225.C7.p7.np | phd(HMM:1.9e-13) |
| 22860 | OJ991112_01.0403.C17.p3.np | phd(HMM:3.4e-12) |

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| 22861 | OJ991208_10.0107.C9.p1.np | phd(HMM:1.9e-05) |
| 22862 | OJ990421_27.9B19.C13.p6.np | phd(HMM:0.045),set(HMM:3.4e-52) |
| 22863 | OJ000119_08.0302.C10.p4.np | phd(HMM:6.6e-06),snf2_n(HMM:7.7e-42),zf-c3hc4(HMM:0.00035) |
| 22864 | OJ991214_03.0114.C4.p3.np | phd(HMM:1.3e-07),snf2_n(HMM:1.3e-40),zf-c3hc4(HMM:0.00035) |
| 22865 | OJ000250_27.0208.C18.p1.np | phd(HMM:0.051),zf-c3hc4(HMM:9.5e-07) |
| 22866 | OJ000250_27.0303.C9.p4.np | phd(HMM:0.051),zf-c3hc4(HMM:9.5e-07) |
| 22867 | OJ000301_18.0330.C11.p2.np | phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06) |
| 22868 | OJ990326_01.9C01.C28.p1.np | phd(HMM:0.089),zf-c3hc4(HMM:2.3e-12) |
| 22869 | OJ990822_47.0103.C5.p1.np | phd(HMM:1.7e-11),zf-c3hc4(HMM:7.7e-06) |
| 22870 | OJ990915_02.9A18.C14.p1.np | phd(HMM:0.051),zf-c3hc4(HMM:9.5e-07) |
| 22871 | OJ990917_09.9A29.C13.p1.np | phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06) |
| 22872 | OJ990917_09.9A29.C13.p2.np | phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06) |
| 22873 | OJ991020_07.0202.C12.p2.np | phd(HMM:0.22),zf-c3hc4(HMM:8.1e-12) |
| 22874 | OJ991020_07.0202.C12.p3.np | phd(HMM:0.22),zf-c3hc4(HMM:8.1e-12) |
| 22875 | OJ991226_49.0317.C8.p1.np | phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06) |
| 22876 | OJ991226_49.0317.C8.p2.np | phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06) |
| 22877 | OJ000107_08.0330.C23.p3.np | response_reg(HMM:1.1e-13) |
| 22878 | OJ000107_08.0426.C23.p3.np | response_reg(HMM:1.1e-13) |
| 22879 | OJ000150_17.0124.C41.p3.np | response_reg(HMM:4.1e-12) |
| 22880 | OJ000203_01.0222.C31.p1.np | response_reg(HMM:5.4e-31) |
| 22881 | OJ000208_03.0310.C3.p1.np | response_reg(HMM:4.9e-27) |
| 22882 | OJ000208_25.0419.C37.p1.np | response_reg(HMM:5.7e-09) |
| 22883 | OJ000214_01.0308.C34.p2.np | response_reg(HMM:1.9e-29) |
| 22884 | OJ000217_01.0308.C2.p1.np | response_reg(HMM:5.1e-05) |
| 22885 | OJ000221_23.0317.C14.p1.np | response_reg(HMM:4.9e-27) |
| 22886 | OJ000229_02.0323.C6.p5.np | response_reg(HMM:4e-07) |
| 22887 | OJ000250_68.0211.C10.p1.np | response_reg(HMM:4.5e-19) |
| 22888 | OJ000251_23.0216.C33.p1.np | response_reg(HMM:1.1e-13) |
| 22889 | OJ000321_13.0424.C17.p1.np | response_reg(HMM:8.9e-20) |
| 22890 | OJ000324_02.0417.C11.p1.np | response_reg(HMM:1.7e-20) |
| 22891 | OJ000327_05.0419.C12.p1.np | response_reg(HMM:2.4e-24) |
| 22892 | OJ000327_05.0419.C4.p2.np | response_reg(HMM:3.6e-22) |
| 22893 | OJ990409_06.9819.C1.p2.np | response_reg(HMM:0.0062) |
| 22894 | OJ990416_04.9819.C5.p1.np | response_reg(HMM:5.4e-31) |
| 22895 | OJ990426_02.0419.C175.p1.np | response_reg(HMM:1.6e-27) |
| 22896 | OJ990426_02.9608.C56.p1.np | response_reg(HMM:9.2e-31) |
| 22897 | OJ990426_31.0419.C35.p1.np | response_reg(HMM:5e-31) |

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| 23006 | OJ990414_10.9819.C9.p1.np | scr(HMM:1.2e-05) |
| 23007 | OJ990414_11.9819.C18.p1.np | scr(HMM:4.7e-135) |
| 23008 | OJ990415_08.9922.C11.p6.np | scr(HMM:9.8e-134) |
| 23009 | OJ990421_11.9923.C10.p1.np | scr(HMM:1.3e-79) |
| 23010 | OJ990421_11.9923.C25.p1.np | scr(HMM:4.1e-07) |
| 23011 | OJ990422_26.9924.C14.p2.np | scr(HMM:1.2e-68) |
| 23012 | OJ990423_04.9919.C9.p2.np | scr(HMM:1.4e-112) |
| 23013 | OJ990427_01.9A14.C22.p1.np | scr(HMM:7e-56) |
| 23014 | OJ990428_02.9A29.C11.p6.np | scr(HMM:3.5e-77) |
| 23015 | OJ990430_24.9924.C10.p3.np | scr(HMM:6.5e-66) |
| 23016 | OJ990520_13.9922.C5.p2.np | scr(HMM:3.4e-29) |
| 23017 | OJ990520_25.9C17.C3.p1.np | scr(HMM:3.8e-05) |
| 23018 | OJ990528_06.9C03.C33.p2.np | scr(HMM:2.4e-155) |
| 23019 | OJ990617_05.9924.C16.p1.np | scr(HMM:1.4e-156) |
| 23020 | OJ990617_06.9A27.C50.p1.np | scr(HMM:7.3e-25) |
| 23021 | OJ990627_38.9B19.C3.p1.np | scr(HMM:2.5e-19) |
| 23022 | OJ990627_41.9919.C7.p1.np | scr(HMM:0.87) |
| 23023 | OJ990705_39.9919.C11.p7.np | scr(HMM:2.1e-113) |
| 23024 | OJ990715_06.9A01.C6.p2.np | scr(HMM:1.2e-53) |
| 23025 | OJ990723_10.9C01.C11.p1.np | scr(HMM:2.7e-144) |
| 23026 | OJ990816_08.0419.C14.p1.np | scr(HMM:5.3e-35) |
| 23027 | OJ990816_09.9B19.C35.p1.np | scr(HMM:2.5e-06) |
| 23028 | OJ990818_05.9C01.C11.p3.np | scr(HMM:1.3e-284) |
| 23029 | OJ990818_09.9B08.C11.p1.np | scr(HMM:2.5e-06) |
| 23030 | OJ990823_06.9B03.C17.p1.np | scr(HMM:1.5e-19) |
| 23031 | OJ990826_01.9C28.C11.p2.np | scr(HMM:3.9e-20) |
| 23032 | OJ990826_01.9C28.C11.p3.np | scr(HMM:1.7e-12) |
| 23033 | OJ990830_10.9C13.C6.p1.np | scr(HMM:9.2e-68) |
| 23034 | OJ990907_10.0128.C10.p1.np | scr(HMM:0.00013) |
| 23035 | OJ990907_16.9B23.C9.p4.np | scr(HMM:0.00085) |
| 23036 | OJ991001_02.0202.C10.p1.np | scr(HMM:6e-30) |
| 23037 | OJ991006_02.0113.C2.p6.np | scr(HMM:3.3e-30) |
| 23038 | OJ991008_04.0121.C11.p2.np | scr(HMM:7.5e-26) |
| 23039 | OJ991014_01.0111.C11.p1.np | scr(HMM:5e-101) |
| 23040 | OJ991107_32.9C13.C2.p1.np | scr(HMM:5.2e-158) |
| 23041 | OJ991109_13.0131.C3.p1.np | scr(HMM:4.8) |
| 23042 | OJ991112_08.0421.C1.p1.np | scr(HMM:6.5e-31) |
| 23043 | OJ991112_08.9C22.C1.p1.np | scr(HMM:2.1e-28) |
| 23044 | OJ991208_06.0107.C14.p1.np | scr(HMM:0.00052) |
| 23045 | OJ991208_06.0107.C8.p2.np | scr(HMM:0.00081) |
| 23046 | OJ991211_57.0228.C31.p1.np | scr(HMM:2.5e-46) |
| 23047 | OJ991215_06.0118.C6.p11.np | scr(HMM:3e-08) |
| 23048 | OJ000105_15.0207.C2.p3.np | set(HMM:4.6e-05) |
| 23049 | OJ000105_15.0207.C3.p1.np | set(HMM:0.94) |
| 23050 | OJ000105_15.0426.C2.p3.np | set(HMM:4.6e-05) |
| 23051 | OJ000105_15.0426.C3.p1.np | set(HMM:1.1) |
| 23052 | OJ000107_15.0222.C15.p5.np | set(HMM:3.5e-37) |
| 23053 | OJ000107_15.0426.C15.p5.np | set(HMM:3.5e-37) |
| 23054 | OJ000110_16.0302.C21.p3.np | set(HMM:9e-13) |
| 23055 | OJ000110_16.0426.C21.p3.np | set(HMM:9e-13) |
| 23056 | OJ000250_27.0208.C10.p3.np | set(HMM:1.2e-31) |
| 23057 | OJ000250_27.0303.C6.p3.np | set(HMM:5.9e-24) |
| 23058 | OJ000250_59.0214.C32.p3.np | set(HMM:3.1e-29) |
| 23059 | OJ000251_08.0218.C39.p1.np | set(HMM:1.4e-44) |

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| 23060 | OJ000301_23.0419.C12.p2.np | set(HMM:8.4e-45) |
| 23061 | OJ000302_02.0419.C20.p2.np | set(HMM:3.7e-58) |
| 23062 | OJ000303_07.0419.C22.p1.np | set(HMM:7.4e-42) |
| 23063 | OJ000303_07.0419.C22.p2.np | set(HMM:1.5e-45) |
| 23064 | OJ000306_05.0419.C14.p1.np | set(HMM:1.5e-49) |
| 23065 | OJ000306_06.0403.C2.p1.np | set(HMM:2.5e-44) |
| 23066 | OJ000310_06.0417.C11.p1.np | set(HMM:5.7e-05) |
| 23067 | OJ000314_10.0411.C13.p1.np | set(HMM:4.8e-05) |
| 23068 | OJ000314_10.0411.C13.p2.np | set(HMM:0.0018) |
| 23069 | OJ000314_10.0420.C7.p1.np | set(HMM:4.8e-05) |
| 23070 | OJ000314_10.0420.C7.p2.np | set(HMM:0.0018) |
| 23071 | OJ000320_11.0419.C25.p1.np | set(HMM:3.9e-35) |
| 23072 | OJ000321_03.0417.C2.p6.np | set(HMM:5e-35) |
| 23073 | OJ000321_03.0426.C2.p6.np | set(HMM:5e-35) |
| 23074 | OJ000321_21.0419.C9.p1.np | set(HMM:1e-52) |
| 23075 | OJ000321_21.0419.C9.p2.np | set(HMM:2.1e-40) |
| 23076 | OJ000350_56.0322.C3.p3.np | set(HMM:5.8e-48) |
| 23077 | OJ990301_10.9B03.C4.p1.np | set(HMM:9.2e-45) |
| 23078 | OJ990311_06.0131.C68.p1.np | set(HMM:2.4e-45) |
| 23079 | OJ990317_09.0421.C23.p9.np | set(HMM:1.1e-53) |
| 23080 | OJ990317_09.9C20.C23.p9.np | set(HMM:1.1e-53) |
| 23081 | OJ990406_06.9819.C22.p1.np | set(HMM:4.5e-32) |
| 23082 | OJ990406_07.9C10.C3.p1.np | set(HMM:3e-06) |
| 23083 | OJ990428_08.9924.C35.p2.np | set(HMM:4.5e-32) |
| 23084 | OJ990428_08.9924.C48.p1.np | set(HMM:5.1e-16) |
| 23085 | OJ990430_01.9C03.C46.p2.np | set(HMM:3.6e-41) |
| 23086 | OJ990430_01.9C03.C64.p1.np | set(HMM:0.00017) |
| 23087 | OJ990502_29.9924.C2.p2.np | set(HMM:1.1e-53) |
| 23088 | OJ990504_02.9A01.C24.p1.np | set(HMM:1.3e-30) |
| 23089 | OJ990504_07.9C27.C5.p1.np | set(HMM:4.5e-32) |
| 23090 | OJ990504_07.9C27.C54.p1.np | set(HMM:3.8e-07) |
| 23091 | OJ990504_07.9C27.C84.p1.np | set(HMM:5.3e-06) |
| 23092 | OJ990520_35.9922.C6.p4.np | set(HMM:3.9e-55) |
| 23093 | OJ990524_07.0128.C11.p1.np | set(HMM:9.2e-45) |
| 23094 | OJ990528_13.9C10.C28.p1.np | set(HMM:6.3e-08) |
| 23095 | OJ990528_13.9C10.C29.p1.np | set(HMM:2.9e-45) |
| 23096 | OJ990708_04.9A01.C11.p1.np | set(HMM:7.8e-52) |
| 23097 | OJ990722_13.9C03.C2.p1.np | set(HMM:1.4e-54) |
| 23098 | OJ990810_10.9C23.C6.p1.np | set(HMM:1.7e-47) |
| 23099 | OJ990825_13.9B24.C11.p1.np | set(HMM:4.1e-06) |
| 23100 | OJ990903_12.9C01.C11.p1.np | set(HMM:8.5e-43) |
| 23101 | OJ990915_03.9B04.C20.p1.np | set(HMM:6e-07) |
| 23102 | OJ990915_17.9C23.C6.p1.np | set(HMM:2.2e-10) |
| 23103 | OJ990915_17.9C23.C7.p1.np | set(HMM:6.6e-12) |
| 23104 | OJ991021_11.0218.C10.p1.np | set(HMM:7.7e-08) |
| 23105 | OJ991021_11.0218.C11.p1.np | set(HMM:9.1e-18) |
| 23106 | OJ991101_12.0218.C10.p1.np | set(HMM:3.4e-52) |
| 23107 | OJ991121_39.0229.C39.p5.np | set(HMM:7.7e-08) |
| 23108 | OJ991121_39.0229.C39.p6.np | set(HMM:7.7e-08) |
| 23109 | OJ991121_39.0229.C40.p1.np | set(HMM:2e-30) |
| 23110 | OJ991201_06.0103.C13.p1.np | set(HMM:1.7e-13) |
| 23111 | OJ991201_08.9C23.C2.p3.np | set(HMM:1.1e-53) |
| 23112 | OJ991208_08.0128.C5.p1.np | set(HMM:1.3e-30) |
| 23113 | OJ991209_08.0222.C4.p9.np | set(HMM:1.3e-30) |

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| 23114 | OJ991209_13.0301.C3.p5.np | set(HMM:1.7e-37) |
| 23115 | OJ000107_04.0210.C25.p1.np | snf2_n(HMM:1.9e-20) |
| 23116 | OJ000107_04.0210.C28.p1.np | snf2_n(HMM:5.7e-11) |
| 23117 | OJ000107_04.0426.C25.p1.np | snf2_n(HMM:1.9e-20) |
| 23118 | OJ000107_04.0426.C28.p1.np | snf2_n(HMM:5.7e-11) |
| 23119 | OJ000114_15.0310.C7.p4.np | snf2_n(HMM:1.3e-80) |
| 23120 | OJ000204_08.0317.C4.p1.np | snf2_n(HMM:2.9e-71) |
| 23121 | OJ000204_26.0307.C4.p1.np | snf2_n(HMM:2.8e-85) |
| 23122 | OJ000207_17.0306.C17.p1.np | snf2_n(HMM:4.7e-30) |
| 23123 | OJ000208_20.0301.C16.p2.np | snf2_n(HMM:0.00056) |
| 23124 | OJ000209_26.0229.C11.p1.np | snf2_n(HMM:1.5e-36) |
| 23125 | OJ000210_17.0322.C21.p3.np | snf2_n(HMM:1.2e-140) |
| 23126 | OJ000211_02.0327.C12.p2.np | snf2_n(HMM:9e-14) |
| 23127 | OJ000250_15.0222.C8.p1.np | snf2_n(HMM:1.1e-05) |
| 23128 | OJ000250_59.0214.C31.p1.np | snf2_n(HMM:2.6e-15) |
| 23129 | OJ000250_59.0214.C32.p1.np | snf2_n(HMM:0.043) |
| 23130 | OJ000251_35.0218.C16.p1.np | snf2_n(HMM:0.00017) |
| 23131 | OJ000251_35.0218.C49.p1.np | snf2_n(HMM:1e-05) |
| 23132 | OJ000251_48.0228.C31.p4.np | snf2_n(HMM:1.3e-101) |
| 23133 | OJ000314_02.0419.C3.p1.np | snf2_n(HMM:6.8e-10) |
| 23134 | OJ000314_10.0411.C3.p1.np | snf2_n(HMM:1.3e-72) |
| 23135 | OJ000314_10.0420.C1.p2.np | snf2_n(HMM:1.3e-56) |
| 23136 | OJ000314_10.0420.C1.p3.np | snf2_n(HMM:5.6e-70) |
| 23137 | OJ000314_10.0420.C1.p4.np | snf2_n(HMM:4e-17) |
| 23138 | OJ000314_10.0420.C1.p5.np | snf2_n(HMM:1.8e-67) |
| 23139 | OJ000315_15.0424.C12.p1.np | snf2_n(HMM:6.5e-76) |
| 23140 | OJ000321_27.0419.C10.p1.np | snf2_n(HMM:1.5e-07) |
| 23141 | OJ000330_24.0419.C10.p1.np | snf2_n(HMM:6.6e-10) |
| 23142 | OJ000350_62.0404.C6.p5.np | snf2_n(HMM:1.3e-80) |
| 23143 | OJ000350_67.0328.C16.p1.np | snf2_n(HMM:4.9e-05) |
| 23144 | OJ000350_67.0328.C17.p1.np | snf2_n(HMM:0.072) |
| 23145 | OJ990311_09.9819.C15.p6.np | snf2_n(HMM:3.1e-07) |
| 23146 | OJ990318_06.0228.C43.p1.np | snf2_n(HMM:9.8e-101) |
| 23147 | OJ990323_18.0419.C7.p1.np | snf2_n(HMM:3.9e-123) |
| 23148 | OJ990405_09.9819.C3.p1.np | snf2_n(HMM:0.0049) |
| 23149 | OJ990423_06.9819.C10.p1.np | snf2_n(HMM:9.9e-137) |
| 23150 | OJ990423_06.9819.C11.p1.np | snf2_n(HMM:1e-55) |
| 23151 | OJ990423_06.9819.C26.p1.np | snf2_n(HMM:1e-56) |
| 23152 | OJ990428_26.9819.C15.p2.np | snf2_n(HMM:0.002) |
| 23153 | OJ990428_26.9819.C16.p1.np | snf2_n(HMM:0.00051) |
| 23154 | OJ990428_26.9819.C16.p2.np | snf2_n(HMM:0.0064) |
| 23155 | OJ990503_03.9A01.C4.p1.np | snf2_n(HMM:5.6e-05) |
| 23156 | OJ990517_13.9A08.C12.p1.np | snf2_n(HMM:1.2e-16) |
| 23157 | OJ990517_13.9A08.C6.p2.np | snf2_n(HMM:8.8e-129) |
| 23158 | OJ990520_14.9B12.C36.p2.np | snf2_n(HMM:5.1e-08) |
| 23159 | OJ990520_22.9A22.C6.p1.np | snf2_n(HMM:0.071) |
| 23160 | OJ990618_12.9921.C48.p1.np | snf2_n(HMM:3.1e-45) |
| 23161 | OJ990619_53.9A29.C12.p1.np | snf2_n(HMM:0.0011) |
| 23162 | OJ990721_06.9B05.C3.p1.np | snf2_n(HMM:2.6e-117) |
| 23163 | OJ990808_45.9C06.C7.p1.np | snf2_n(HMM:2.5e-13) |
| 23164 | OJ990823_02.9B15.C1.p1.np | snf2_n(HMM:2.9e-06) |
| 23165 | OJ990903_13.0225.C30.p1.np | snf2_n(HMM:2.6e-137) |
| 23166 | OJ991015_03.0302.C2.p1.np | snf2_n(HMM:6.4e-06) |
| 23167 | OJ991022_17.0225.C19.p1.np | snf2_n(HMM:1.5e-65) |

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| 23168 | OJ991113_45.0419.C6.p1.np | snf2_n(HMM:4.1e-13) |
| 23169 | OJ991201_14.0118.C4.p6.np | snf2_n(HMM:0.0065) |
| 23170 | OJ991211_57.0228.C38.p3.np | snf2_n(HMM:1.3e-101) |
| 23171 | OJ991215_18.0306.C28.p2.np | snf2_n(HMM:5.3e-139) |
| 23172 | OJ000103_03.0204.C2.p4.np | snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077) |
| 23173 | OJ000103_03.0426.C2.p4.np | snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077) |
| 23174 | OJ000118_23.0419.C64.p1.np | snf2_n(HMM:2.3e-06),zf-c3hc4(HMM:0.0029) |
| 23175 | OJ000250_59.0214.C30.p7.np | snf2_n(HMM:2.1e-06),zf-c3hc4(HMM:0.015) |
| 23176 | OJ000250_70.0214.C7.p2.np | snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077) |
| 23177 | OJ000250_70.0303.C3.p2.np | snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077) |
| 23178 | OJ000302_03.0407.C10.p1.np | snf2_n(HMM:6.1e-98),zf-c3hc4(HMM:0.11) |
| 23179 | OJ000320_32.0419.C1.p1.np | snf2_n(HMM:1.1e-12),zf-c3hc4(HMM:0.0077) |
| 23180 | OJ000350_43.0317.C20.p1.np | snf2_n(HMM:1.9e-40),zf-c3hc4(HMM:4.4e-10) |
| 23181 | OJ990405_09.9819.C35.p1.np | snf2_n(HMM:7.3e-43),zf-c3hc4(HMM:4.4e-10) |
| 23182 | OJ990517_12.9A29.C9.p1.np | snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077) |
| 23183 | OJ990527_20.0419.C58.p2.np | snf2_n(HMM:1.3e-39),zf-c3hc4(HMM:4.4e-10) |
| 23184 | OJ990619_46.0103.C7.p1.np | snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077) |
| 23185 | OJ990826_03.0103.C11.p1.np | snf2_n(HMM:4.2e-53),zf-c3hc4(HMM:2.5e-09) |
| 23186 | OJ991028_10.0118.C2.p1.np | snf2_n(HMM:8e-91),zf-c3hc4(HMM:0.0077) |
| 23187 | OJ991119_18.9C21.C30.p1.np | snf2_n(HMM:1.8e-90),zf-c3hc4(HMM:0.0019) |
| 23188 | OJ000103_03.0204.C2.p2.np | snf2_n(HMM:1.9e-95),zf-c3hc4(HMM:0.0077),zf-cchc(HMM:0.006) |
| 23189 | OJ000103_03.0426.C2.p2.np | snf2_n(HMM:1.9e-95),zf-c3hc4(HMM:0.0077),zf-cchc(HMM:0.006) |
| 23190 | OJ000112_18.0224.C6.p1.np | srf-tf(HMM:6.7e-36) |
| 23191 | OJ000112_18.0426.C6.p1.np | srf-tf(HMM:6.7e-36) |
| 23192 | OJ000113_15.0210.C12.p4.np | srf-tf(HMM:2e-32) |
| 23193 | OJ000126_02.0303.C22.p1.np | srf-tf(HMM:2.2e-31) |
| 23194 | OJ000150_15.0124.C22.p1.np | srf-tf(HMM:3.7e-35) |
| 23195 | OJ000150_17.0124.C78.p1.np | srf-tf(HMM:0.27) |
| 23196 | OJ000150_24.0124.C1.p1.np | srf-tf(HMM:3.9e-36) |
| 23197 | OJ000150_31.0124.C18.p1.np | srf-tf(HMM:0.27) |
| 23198 | OJ000150_31.0124.C19.p1.np | srf-tf(HMM:0.47) |
| 23199 | OJ000150_31.0124.C41.p1.np | srf-tf(HMM:0.27) |
| 23200 | OJ000207_26.0419.C7.p1.np | srf-tf(HMM:3.1e-18) |
| 23201 | OJ000209_11.0307.C6.p2.np | srf-tf(HMM:8.4e-23) |

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| 23202 | OJ000209_23.0320.C9.p1.np | srf-tf(HMM:6.1e-28) |
| 23203 | OJ000210_21.0419.C15.p3.np | srf-tf(HMM:2.1e-29) |
| 23204 | OJ000217_13.0320.C4.p2.np | srf-tf(HMM:8.6e-27) |
| 23205 | OJ000224_03.0404.C5.p1.np | srf-tf(HMM:1.7e-23) |
| 23206 | OJ000250_82.0320.C49.p1.np | srf-tf(HMM:4.2e-34) |
| 23207 | OJ000251_33.0331.C49.p1.np | srf-tf(HMM:1.1e-06) |
| 23208 | OJ000251_34.0303.C14.p2.np | srf-tf(HMM:2.2e-31) |
| 23209 | OJ000301_17.0410.C6.p1.np | srf-tf(HMM:3.4e-15) |
| 23210 | OJ000320_35.0412.C11.p1.np | srf-tf(HMM:7.7e-34) |
| 23211 | OJ000321_12.0419.C7.p1.np | srf-tf(HMM:6.7e-36) |
| 23212 | OJ000330_19.0419.C16.p1.np | srf-tf(HMM:1.7e-30) |
| 23213 | OJ000404_14.0424.C22.p1.np | srf-tf(HMM:2.1e-29) |
| 23214 | OJ990202_02.9819.C25.p1.np | srf-tf(HMM:3.8e-30) |
| 23215 | OJ990318_15.9819.C2.p4.np | srf-tf(HMM:5.6e-22) |
| 23216 | OJ990318_15.9819.C2.p7.np | srf-tf(HMM:5.6e-22) |
| 23217 | OJ990324_01.0103.C51.p1.np | srf-tf(HMM:1.5e-10) |
| 23218 | OJ990409_09.0204.C119.p1.np | srf-tf(HMM:1.8e-11) |
| 23219 | OJ990409_10.9922.C13.p2.np | srf-tf(HMM:2.8e-19) |
| 23220 | OJ990421_05.9C03.C12.p1.np | srf-tf(HMM:1.8e-28) |
| 23221 | OJ990421_05.9C03.C38.p1.np | srf-tf(HMM:9.5e-22) |
| 23222 | OJ990421_22.9A01.C41.p1.np | srf-tf(HMM:4e-18) |
| 23223 | OJ990510_04.9919.C19.p1.np | srf-tf(HMM:0.27) |
| 23224 | OJ990527_36.9922.C5.p1.np | srf-tf(HMM:1.1e-15) |
| 23225 | OJ990528_02.9A25.C9.p1.np | srf-tf(HMM:2.8e-34) |
| 23226 | OJ990618_10.9C10.C14.p1.np | srf-tf(HMM:2.8e-19) |
| 23227 | OJ990620_35.0114.C10.p2.np | srf-tf(HMM:6.7e-36) |
| 23228 | OJ990713_05.9924.C3.p2.np | srf-tf(HMM:5.6e-15) |
| 23229 | OJ990714_02.9C17.C11.p4.np | srf-tf(HMM:1.2e-10) |
| 23230 | OJ990822_51.9C23.C7.p2.np | srf-tf(HMM:1.4e-22) |
| 23231 | OJ990823_06.9B03.C13.p1.np | srf-tf(HMM:1e-38) |
| 23232 | OJ990826_02.9B04.C1.p1.np | srf-tf(HMM:1.1e-32) |
| 23233 | OJ990915_06.9B15.C22.p1.np | srf-tf(HMM:1.7e-31) |
| 23234 | OJ990923_18.9B12.C11.p1.np | srf-tf(HMM:0.47) |
| 23235 | OJ991012_15.0225.C4.p1.np | srf-tf(HMM:3.5e-07) |
| 23236 | OJ991020_07.0202.C14.p3.np | srf-tf(HMM:1.2e-32) |
| 23237 | OJ991027_09.0207.C3.p1.np | srf-tf(HMM:5.2e-23) |
| 23238 | OJ991112_16.0104.C7.p3.np | srf-tf(HMM:5.6e-22) |
| 23239 | OJ991113_34.0421.C10.p2.np | srf-tf(HMM:7.2e-29) |
| 23240 | OJ991113_34.9C27.C28.p3.np | srf-tf(HMM:7.2e-29) |
| 23241 | OJ991117_15.0331.C5.p1.np | srf-tf(HMM:1.1e-15) |
| 23242 | OJ991122_19.0330.C3.p1.np | srf-tf(HMM:1.8e-11) |
| 23243 | OJ991208_01.0110.C8.p4.np | srf-tf(HMM:2.2e-21) |
| 23244 | OJ991208_14.0104.C2.p1.np | srf-tf(HMM:0.27) |
| 23245 | OJ991214_09.0112.C5.p4.np | srf-tf(HMM:0.27) |
| 23246 | OJ000113_05.0222.C1.p1.np | tbp(HMM:8.2e-06) |
| 23247 | OJ000113_05.0222.C14.p1.np | tbp(HMM:0.0033) |
| 23248 | OJ000113_05.0426.C1.p1.np | tbp(HMM:8.2e-06) |
| 23249 | OJ000113_05.0426.C14.p1.np | tbp(HMM:0.0033) |
| 23250 | OJ000102_56.0407.C45.p3.np | teo(HMM:1.6e-18) |
| 23251 | OJ000102_56.0426.C45.p3.np | teo(HMM:1.6e-18) |
| 23252 | OJ000110_19.0303.C9.p1.np | teo(HMM:2.2e-35) |
| 23253 | OJ000110_19.0426.C9.p1.np | teo(HMM:2.2e-35) |
| 23254 | OJ000113_22.0225.C12.p1.np | teo(HMM:2.7e-32) |
| 23255 | OJ000209_20.0313.C23.p1.np | teo(HMM:5.6e-17) |

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| 23256 | OJ000211_08.0323.C6.p1.np | teo(HMM:3.8e-05) |
| 23257 | OJ000250_48.0211.C10.p2.np | teo(HMM:6.1e-05) |
| 23258 | OJ000251_42.0328.C11.p3.np | teo(HMM:1.5e-22) |
| 23259 | OJ000301_06.0419.C13.p1.np | teo(HMM:1.5e-30) |
| 23260 | OJ000310_32.0419.C7.p2.np | teo(HMM:3.1e-33) |
| 23261 | OJ000313_06.0419.C23.p4.np | teo(HMM:2.1) |
| 23262 | OJ000314_10.0411.C5.p3.np | teo(HMM:3.9e-09) |
| 23263 | OJ000314_10.0420.C2.p3.np | teo(HMM:3.9e-09) |
| 23264 | OJ000314_31.0419.C6.p1.np | teo(HMM:2.7e-37) |
| 23265 | OJ000315_29.0419.C13.p1.np | teo(HMM:2.7e-37) |
| 23266 | OJ000317_14.0419.C14.p2.np | teo(HMM:2.7e-30) |
| 23267 | OJ000321_12.0419.C13.p1.np | teo(HMM:1.9e-30) |
| 23268 | OJ000321_38.0419.C16.p2.np | teo(HMM:6e-23) |
| 23269 | OJ000323_34.0420.C12.p3.np | teo(HMM:2.1) |
| 23270 | OJ000328_06.0419.C18.p1.np | teo(HMM:3e-33) |
| 23271 | OJ000350_56.0322.C10.p2.np | teo(HMM:9.2e-31) |
| 23272 | OJ990408_08.9B12.C37.p1.np | teo(HMM:9.2e-31) |
| 23273 | OJ990421_04.9919.C46.p3.np | teo(HMM:8.1e-06) |
| 23274 | OJ990526_03.9B05.C13.p3.np | teo(HMM:2.1) |
| 23275 | OJ990620_35.0114.C7.p6.np | teo(HMM:1.9e-30) |
| 23276 | OJ990729_12.9B19.C18.p1.np | teo(HMM:1.5e-30) |
| 23277 | OJ990810_10.9C23.C9.p2.np | teo(HMM:5e-25) |
| 23278 | OJ990821_61.9C20.C7.p4.np | teo(HMM:1.2e-27) |
| 23279 | OJ990821_61.9C20.C7.p5.np | teo(HMM:6.2e-26) |
| 23280 | OJ991007_18.0120.C6.p3.np | teo(HMM:3.7e-30) |
| 23281 | OJ991013_10.0110.C11.p1.np | teo(HMM:5.9e-41) |
| 23282 | OJ991119_17.0126.C12.p1.np | teo(HMM:3.1e-33) |
| 23283 | OJ991202_05.0421.C2.p6.np | teo(HMM:9.2e-31) |
| 23284 | OJ991202_05.9C30.C2.p6.np | teo(HMM:9.2e-31) |
| 23285 | OJ991217_20.0218.C9.p4.np | teo(HMM:1.9e-35) |
| 23286 | OJ000221_24.0315.C6.p2.np | tffiis(HMM:0.0067) |
| 23287 | OJ000229_15.0419.C10.p3.np | tffiis(HMM:7.5e-22) |
| 23288 | OJ000302_11.0403.C6.p4.np | tffiis(HMM:1.1e-17) |
| 23289 | OJ000350_70.0328.C6.p6.np | tffiis(HMM:7.5e-22) |
| 23290 | OJ000350_70.0328.C6.p7.np | tffiis(HMM:7.5e-22) |
| 23291 | OJ990430_12.9927.C7.p2.np | tffiis(HMM:5.5e-13) |
| 23292 | OJ991027_14.0308.C27.p1.np | tffiis(HMM:7.5e-22) |
| 23293 | OJ991113_35.0112.C2.p8.np | tffiis(HMM:1.1e-17) |
| 23294 | OJ000350_16.0419.C47.p1.np | tffiis(HMM:0.095),zf-c2h2(HMM:1.2e-08) |
| 23295 | OJ000122_36.0307.C39.p1.np | transcript_fac2(HMM:9.3e-28) |
| 23296 | OJ000250_93.0307.C13.p1.np | transcript_fac2(HMM:9.3e-28) |
| 23297 | OJ990308_11.0307.C15.p1.np | transcript_fac2(HMM:7.8e-09) |
| 23298 | OJ990602_03.0107.C39.p1.np | transcript_fac2(HMM:3e-46) |
| 23299 | OJ990602_03.0107.C4.p1.np | transcript_fac2(HMM:2.8e-20) |
| 23300 | OJ990823_08.9B10.C5.p2.np | transcript_fac2(HMM:9.5e-57) |
| 23301 | OJ000118_12.0215.C22.p1.np | trihelix(HMM:2.4e-10) |
| 23302 | OJ000125_02.0303.C27.p1.np | trihelix(HMM:0.28) |
| 23303 | OJ000223_09.0322.C5.p2.np | trihelix(HMM:2.2e-47) |
| 23304 | OJ000250_76.0214.C15.p1.np | trihelix(HMM:2.1) |
| 23305 | OJ000251_26.0303.C7.p1.np | trihelix(HMM:0.28) |
| 23306 | OJ000251_26.0303.C7.p2.np | trihelix(HMM:0.28) |
| 23307 | OJ000251_26.0323.C8.p1.np | trihelix(HMM:0.28) |
| 23308 | OJ000251_26.0323.C8.p2.np | trihelix(HMM:0.28) |

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| 23363 | OJ000320_17.0420.C7.p1.np | wrky(HMM:8.4e-39) |
| 23364 | OJ000320_21.0419.C22.p1.np | wrky(HMM:8.9e-39) |
| 23365 | OJ000320_21.0419.C7.p1.np | wrky(HMM:3.2e-34) |
| 23366 | OJ000321_11.0419.C16.p1.np | wrky(HMM:8.9e-39) |
| 23367 | OJ000323_08.0419.C11.p1.np | wrky(HMM:7.6e-41) |
| 23368 | OJ000327_14.0420.C20.p2.np | wrky(HMM:1.5e-22) |
| 23369 | OJ000327_14.0420.C24.p4.np | wrky(HMM:8.3e-21) |
| 23370 | OJ000327_16.0420.C33.p2.np | wrky(HMM:7.2e-37) |
| 23371 | OJ000327_24.0425.C25.p1.np | wrky(HMM:6.6e-40) |
| 23372 | OJ000328_19.0419.C27.p3.np | wrky(HMM:1.5e-34) |
| 23373 | OJ000330_26.0419.C29.p1.np | wrky(HMM:1.5e-09) |
| 23374 | OJ000331_02.0419.C17.p1.np | wrky(HMM:1.7) |
| 23375 | OJ000331_10.0419.C14.p2.np | wrky(HMM:4.8e-36) |
| 23376 | OJ000350_24.0314.C17.p3.np | wrky(HMM:1.1e-91) |
| 23377 | OJ000350_55.0419.C10.p1.np | wrky(HMM:0.00044) |
| 23378 | OJ000350_56.0322.C6.p1.np | wrky(HMM:9.9e-14) |
| 23379 | OJ000350_56.0322.C7.p2.np | wrky(HMM:0.00025) |
| 23380 | OJ000350_58.0327.C33.p2.np | wrky(HMM:5.4e-12) |
| 23381 | OJ000403_18.0419.C10.p2.np | wrky(HMM:1e-34) |
| 23382 | OJ000404_07.0421.C1.p1.np | wrky(HMM:6e-87) |
| 23383 | OJ990323_15.9A11.C3.p1.np | wrky(HMM:4.7e-36) |
| 23384 | OJ990325_03.9A14.C37.p3.np | wrky(HMM:0.44) |
| 23385 | OJ990402_32.9819.C8.p3.np | wrky(HMM:2.1e-37) |
| 23386 | OJ990414_06.9C10.C5.p2.np | wrky(HMM:3.9e-88) |
| 23387 | OJ990414_10.9819.C2.p3.np | wrky(HMM:4.2e-36) |
| 23388 | OJ990414_11.9819.C10.p3.np | wrky(HMM:1.8e-44) |
| 23389 | OJ990415_08.9922.C11.p5.np | wrky(HMM:3.9e-88) |
| 23390 | OJ990421_05.9C03.C27.p1.np | wrky(HMM:5.1e-23) |
| 23391 | OJ990428_05.9819.C11.p1.np | wrky(HMM:0.11) |
| 23392 | OJ990428_05.9819.C26.p1.np | wrky(HMM:1.5e-09) |
| 23393 | OJ990428_05.9819.C57.p1.np | wrky(HMM:0.027) |
| 23394 | OJ990428_05.9819.C75.p1.np | wrky(HMM:0.0014) |
| 23395 | OJ990428_26.9819.C11.p2.np | wrky(HMM:0.0042) |
| 23396 | OJ990428_26.9819.C12.p1.np | wrky(HMM:1.5e-07) |
| 23397 | OJ990503_08.9924.C52.p3.np | wrky(HMM:1.5e-18) |
| 23398 | OJ990503_08.9924.C74.p1.np | wrky(HMM:2.6e-08) |
| 23399 | OJ990503_08.9924.C96.p3.np | wrky(HMM:0.31) |
| 23400 | OJ990524_11.9921.C11.p2.np | wrky(HMM:5.4e-12) |
| 23401 | OJ990528_01.9921.C25.p1.np | wrky(HMM:1.1e-46) |
| 23402 | OJ990528_10.0419.C12.p1.np | wrky(HMM:2.5e-12) |
| 23403 | OJ990528_10.0419.C75.p1.np | wrky(HMM:3e-44) |
| 23404 | OJ990603_08.0419.C13.p1.np | wrky(HMM:2.4e-09) |
| 23405 | OJ990605_41.0225.C1.p2.np | wrky(HMM:7.2e-43) |
| 23406 | OJ990612_30.9B05.C22.p1.np | wrky(HMM:1.9e-35) |
| 23407 | OJ990617_02.9B01.C14.p1.np | wrky(HMM:8.4e-17) |
| 23408 | OJ990627_47.9A01.C11.p1.np | wrky(HMM:1.2e-15) |
| 23409 | OJ990627_47.9A01.C12.p4.np | wrky(HMM:7.3e-23) |
| 23410 | OJ990627_47.9A01.C7.p1.np | wrky(HMM:8.3e-21) |
| 23411 | OJ990627_47.9A01.C9.p1.np | wrky(HMM:2.1e-20) |
| 23412 | OJ990709_08.9C10.C2.p2.np | wrky(HMM:6e-87) |
| 23413 | OJ990716_09.9B08.C2.p1.np | wrky(HMM:3.8e-46) |
| 23414 | OJ990802_09.9B24.C2.p1.np | wrky(HMM:1.1e-78) |
| 23415 | OJ990802_12.0218.C46.p1.np | wrky(HMM:1.9e-05) |
| 23416 | OJ990804_05.9B12.C17.p1.np | wrky(HMM:1.5e-09) |

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| 23417 | OJ990804_05.9B12.C18.p1.np | wrky(HMM:0.0014) |
| 23418 | OJ990810_10.9C23.C2.p1.np | wrky(HMM:3.5e-37) |
| 23419 | OJ990818_16.9C10.C39.p3.np | wrky(HMM:4.3e-36) |
| 23420 | OJ990820_06.0215.C5.p1.np | wrky(HMM:5.3e-39) |
| 23421 | OJ990821_61.9C20.C7.p1.np | wrky(HMM:8.3e-44) |
| 23422 | OJ990825_14.9B15.C13.p1.np | wrky(HMM:6.1e-28) |
| 23423 | OJ990825_14.9B15.C13.p2.np | wrky(HMM:3.7e-09) |
| 23424 | OJ990825_14.9B15.C3.p1.np | wrky(HMM:1.5e-20) |
| 23425 | OJ990826_07.0103.C10.p3.np | wrky(HMM:2.8e-41) |
| 23426 | OJ990908_19.9C10.C15.p2.np | wrky(HMM:6.7e-05) |
| 23427 | OJ990913_14.9B19.C18.p3.np | wrky(HMM:2.8e-41) |
| 23428 | OJ990917_16.9B08.C13.p1.np | wrky(HMM:7.6e-41) |
| 23429 | OJ991022_09.0210.C10.p4.np | wrky(HMM:4.6e-20) |
| 23430 | OJ991022_09.0210.C14.p3.np | wrky(HMM:6.5e-18) |
| 23431 | OJ991026_12.0202.C2.p1.np | wrky(HMM:0.017) |
| 23432 | OJ991026_12.0202.C3.p1.np | wrky(HMM:1.5e-14) |
| 23433 | OJ991028_05.0211.C2.p1.np | wrky(HMM:7.6e-41) |
| 23434 | OJ991106_42.0103.C4.p1.np | wrky(HMM:4.6e-40) |
| 23435 | OJ991108_07.0125.C2.p4.np | wrky(HMM:9.5e-08) |
| 23436 | OJ991109_03.0218.C14.p1.np | wrky(HMM:8.4e-17) |
| 23437 | OJ991110_15.0218.C9.p3.np | wrky(HMM:4.1e-39) |
| 23438 | OJ991114_35.0419.C23.p1.np | wrky(HMM:1.3e-39) |
| 23439 | OJ991202_08.0421.C36.p6.np | wrky(HMM:7.6e-41) |
| 23440 | OJ991202_08.9C30.C35.p1.np | wrky(HMM:7.6e-41) |
| 23441 | OJ991203_01.0128.C6.p3.np | wrky(HMM:4.8e-39) |
| 23442 | OJ991214_03.0114.C4.p2.np | wrky(HMM:1.2e-23) |
| 23443 | OJ991216_02.0218.C15.p2.np | wrky(HMM:5.1e-36) |
| 23444 | OJ991216_03.0419.C6.p2.np | wrky(HMM:2.8e-41) |
| 23445 | OJ991217_03.0211.C3.p4.np | wrky(HMM:6.1e-41) |
| 23446 | OJ991217_03.0303.C3.p3.np | wrky(HMM:6.1e-41) |
| 23447 | OJ991220_02.0127.C2.p1.np | wrky(HMM:3.2e-32) |
| 23448 | OJ991226_43.0315.C5.p1.np | wrky(HMM:7.6e-41) |
| 23449 | OJ991226_43.0315.C5.p2.np | wrky(HMM:7.6e-41) |
| 23450 | OJ000118_04.0218.C6.p5.np | zf-b_box(HMM:0.0033),zf- constans(HMM:6.2e-20) |
| 23451 | OJ000118_04.0310.C5.p5.np | zf-b_box(HMM:0.0033),zf- constans(HMM:6.2e-20) |
| 23452 | OJ000207_11.0306.C7.p1.np | zf-b_box(HMM:0.0033),zf- constans(HMM:6.2e-20) |
| 23453 | OJ000223_06.0316.C8.p4.np | zf-b_box(HMM:0.00017),zf- constans(HMM:1.7e-42) |
| 23454 | OJ990315_09.0128.C10.p1.np | zf-b_box(HMM:0.02),zf- constans(HMM:2.5e-26) |
| 23455 | OJ990315_09.0421.C10.p1.np | zf-b_box(HMM:0.02),zf- constans(HMM:2.5e-26) |
| 23456 | OJ990503_29.9919.C6.p2.np | zf-b_box(HMM:0.0038),zf- constans(HMM:1.7e-34) |
| 23457 | OJ990605_32.9C03.C4.p4.np | zf-b_box(HMM:0.017),zf- constans(HMM:6.2e-20) |
| 23458 | OJ990701_09.9A01.C13.p1.np | zf-b_box(HMM:0.02),zf- constans(HMM:4.2e-41) |
| 23459 | OJ990808_36.9C20.C5.p6.np | zf-b_box(HMM:0.023),zf- constans(HMM:1.3e-15) |
| 23460 | OJ990810_03.0203.C7.p1.np | zf-b_box(HMM:0.0038),zf- |

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| 23461 | OJ990810_08.0103.C12.p2.np | constans(HMM:1.7e-34) zf-b_box(HMM:0.0038),zf- |
| 23462 | OJ991106_43.0105.C8.p1.np | constans(HMM:1.7e-34) zf-b_box(HMM:0.02),zf- |
| 23463 | OJ991201_08.9C23.C3.p1.np | constans(HMM:2.5e-26) zf-b_box(HMM:0.079),zf- |
| 23464 | OJ000102_54.0426.C100.p1.np | constans(HMM:7.7e-30) zf-c2h2(HMM:1.2e-10) |
| 23465 | OJ000105_11.0214.C14.p1.np | zf-c2h2(HMM:0.0012) |
| 23466 | OJ000105_11.0310.C10.p4.np | zf-c2h2(HMM:0.0012) |
| 23467 | OJ000105_11.0426.C10.p4.np | zf-c2h2(HMM:0.0012) |
| 23468 | OJ000105_17.0207.C12.p3.np | zf-c2h2(HMM:0.00037) |
| 23469 | OJ000105_17.0426.C12.p3.np | zf-c2h2(HMM:0.00037) |
| 23470 | OJ000107_03.0207.C10.p1.np | zf-c2h2(HMM:0.003) |
| 23471 | OJ000107_03.0310.C11.p1.np | zf-c2h2(HMM:0.003) |
| 23472 | OJ000107_03.0426.C11.p1.np | zf-c2h2(HMM:0.003) |
| 23473 | OJ000108_54.0419.C5.p1.np | zf-c2h2(HMM:1.4e-06) |
| 23474 | OJ000108_54.0426.C5.p1.np | zf-c2h2(HMM:1.4e-06) |
| 23475 | OJ000113_09.0223.C8.p1.np | zf-c2h2(HMM:0.013) |
| 23476 | OJ000113_09.0426.C8.p1.np | zf-c2h2(HMM:0.013) |
| 23477 | OJ000115_33.0331.C30.p1.np | zf-c2h2(HMM:7e-12) |
| 23478 | OJ000150_34.0225.C11.p2.np | zf-c2h2(HMM:1.3e-10) |
| 23479 | OJ000150_34.0225.C11.p3.np | zf-c2h2(HMM:1.8e-06) |
| 23480 | OJ000210_18.0310.C10.p1.np | zf-c2h2(HMM:2.3e-09) |
| 23481 | OJ000210_18.0310.C2.p5.np | zf-c2h2(HMM:5.8e-05) |
| 23482 | OJ000210_24.0316.C2.p1.np | zf-c2h2(HMM:5.8e-05) |
| 23483 | OJ000214_02.0321.C8.p1.np | zf-c2h2(HMM:0.016) |
| 23484 | OJ000217_02.0313.C5.p1.np | zf-c2h2(HMM:0.0054) |
| 23485 | OJ000223_21.0327.C2.p2.np | zf-c2h2(HMM:1e-10) |
| 23486 | OJ000250_26.0225.C5.p1.np | zf-c2h2(HMM:1.4e-08) |
| 23487 | OJ000250_68.0211.C7.p2.np | zf-c2h2(HMM:0.0074) |
| 23488 | OJ000251_12.0217.C37.p1.np | zf-c2h2(HMM:3.9e-08) |
| 23489 | OJ000251_35.0218.C28.p4.np | zf-c2h2(HMM:4.6e-05) |
| 23490 | OJ000251_35.0218.C29.p1.np | zf-c2h2(HMM:0.00018) |
| 23491 | OJ000251_40.0303.C38.p1.np | zf-c2h2(HMM:2e-10) |
| 23492 | OJ000251_45.0217.C17.p1.np | zf-c2h2(HMM:1.8e-06) |
| 23493 | OJ000301_23.0419.C22.p1.np | zf-c2h2(HMM:0.091) |
| 23494 | OJ000306_05.0419.C29.p3.np | zf-c2h2(HMM:0.091) |
| 23495 | OJ000308_22.0419.C20.p2.np | zf-c2h2(HMM:0.0079) |
| 23496 | OJ000310_12.0419.C19.p1.np | zf-c2h2(HMM:8.9e-10) |
| 23497 | OJ000310_31.0425.C2.p3.np | zf-c2h2(HMM:0.071) |
| 23498 | OJ000313_16.0419.C47.p1.np | zf-c2h2(HMM:0.078) |
| 23499 | OJ000313_31.0421.C13.p1.np | zf-c2h2(HMM:3.4e-07) |
| 23500 | OJ000314_11.0421.C6.p1.np | zf-c2h2(HMM:0.025) |
| 23501 | OJ000316_14.0419.C28.p1.np | zf-c2h2(HMM:2.7e-07) |
| 23502 | OJ000321_17.0419.C13.p1.np | zf-c2h2(HMM:1e-10) |
| 23503 | OJ000322_05.0419.C9.p1.np | zf-c2h2(HMM:0.027) |
| 23504 | OJ000322_12.0424.C17.p1.np | zf-c2h2(HMM:0.00037) |
| 23505 | OJ000322_17.0419.C9.p1.np | zf-c2h2(HMM:0.003) |
| 23506 | OJ000324_27.0420.C35.p1.np | zf-c2h2(HMM:1.2e-08) |
| 23507 | OJ000327_15.0424.C39.p1.np | zf-c2h2(HMM:1.8e-06) |
| 23508 | OJ000327_15.0424.C39.p2.np | zf-c2h2(HMM:1.3e-10) |
| 23509 | OJ000327_26.0417.C24.p1.np | zf-c2h2(HMM:0.017) |
| 23510 | OJ000327_29.0419.C29.p2.np | zf-c2h2(HMM:5.6e-09) |

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| 23511 | OJ000328_11.0419.C9.p1.np | zf-c2h2(HMM:5.4e-05) |
| 23512 | OJ000330_11.0419.C27.p3.np | zf-c2h2(HMM:1.1e-08) |
| 23513 | OJ000330_11.0419.C29.p1.np | zf-c2h2(HMM:2.7e-06) |
| 23514 | OJ000330_40.0424.C11.p1.np | zf-c2h2(HMM:6.8e-05) |
| 23515 | OJ000350_16.0419.C44.p1.np | zf-c2h2(HMM:1.7e-08) |
| 23516 | OJ000403_04.0421.C8.p1.np | zf-c2h2(HMM:1.7e-17) |
| 23517 | OJ000403_14.0419.C7.p1.np | zf-c2h2(HMM:0.013) |
| 23518 | OJ000404_22.0424.C14.p1.np | zf-c2h2(HMM:2.4e-08) |
| 23519 | OJ000404_22.0424.C27.p1.np | zf-c2h2(HMM:1.4e-08) |
| 23520 | OJ990301_08.9819.C35.p1.np | zf-c2h2(HMM:4.4e-06) |
| 23521 | OJ990301_09.9819.C4.p5.np | zf-c2h2(HMM:1.9e-08) |
| 23522 | OJ990301_10.9B03.C4.p2.np | zf-c2h2(HMM:4e-06) |
| 23523 | OJ990301_10.9B03.C4.p3.np | zf-c2h2(HMM:4e-06) |
| 23524 | OJ990318_08.9C23.C91.p2.np | zf-c2h2(HMM:1.6e-15) |
| 23525 | OJ990325_01.9C03.C15.p2.np | zf-c2h2(HMM:0.018) |
| 23526 | OJ990326_01.9C01.C19.p1.np | zf-c2h2(HMM:7.7e-11) |
| 23527 | OJ990326_01.9C01.C19.p2.np | zf-c2h2(HMM:3.8e-10) |
| 23528 | OJ990331_10.9A01.C5.p16.np | zf-c2h2(HMM:1.3e-10) |
| 23529 | OJ990412_04.9923.C27.p4.np | zf-c2h2(HMM:1.4e-08) |
| 23530 | OJ990415_12.9C10.C48.p2.np | zf-c2h2(HMM:1.4e-08) |
| 23531 | OJ990428_06.9A08.C33.p2.np | zf-c2h2(HMM:0.0022) |
| 23532 | OJ990429_07.9927.C27.p2.np | zf-c2h2(HMM:1.8e-11) |
| 23533 | OJ990430_01.9C03.C68.p1.np | zf-c2h2(HMM:1.6e-08) |
| 23534 | OJ990430_26.9B12.C13.p1.np | zf-c2h2(HMM:1.2e-29) |
| 23535 | OJ990502_23.9B12.C4.p1.np | zf-c2h2(HMM:0.078) |
| 23536 | OJ990517_24.9A01.C21.p2.np | zf-c2h2(HMM:7.6e-05) |
| 23537 | OJ990524_03.0103.C37.p1.np | zf-c2h2(HMM:0.041) |
| 23538 | OJ990524_07.0128.C28.p2.np | zf-c2h2(HMM:4e-06) |
| 23539 | OJ990527_24.9A20.C4.p2.np | zf-c2h2(HMM:0.00036) |
| 23540 | OJ990528_06.9C03.C33.p1.np | zf-c2h2(HMM:0.016) |
| 23541 | OJ990530_44.9819.C1.p8.np | zf-c2h2(HMM:5.4e-08) |
| 23542 | OJ990603_03.0419.C15.p1.np | zf-c2h2(HMM:0.059) |
| 23543 | OJ990706_08.9A01.C8.p2.np | zf-c2h2(HMM:1.1e-10) |
| 23544 | OJ990715_06.9A01.C3.p5.np | zf-c2h2(HMM:4.6e-10) |
| 23545 | OJ990716_06.9819.C17.p2.np | zf-c2h2(HMM:5.2e-06) |
| 23546 | OJ990726_04.9C03.C3.p10.np | zf-c2h2(HMM:2.4e-08) |
| 23547 | OJ990726_04.9C03.C3.p8.np | zf-c2h2(HMM:2.4e-08) |
| 23548 | OJ990804_01.9C17.C32.p2.np | zf-c2h2(HMM:1.3e-06) |
| 23549 | OJ990804_04.9C23.C43.p2.np | zf-c2h2(HMM:1.1e-10) |
| 23550 | OJ990804_14.9B12.C15.p1.np | zf-c2h2(HMM:1.1e-10) |
| 23551 | OJ990809_01.0303.C46.p1.np | zf-c2h2(HMM:2e-10) |
| 23552 | OJ990821_55.0110.C9.p2.np | zf-c2h2(HMM:0.1) |
| 23553 | OJ990822_42.0419.C67.p1.np | zf-c2h2(HMM:5e-08) |
| 23554 | OJ990825_07.9B16.C8.p2.np | zf-c2h2(HMM:0.013) |
| 23555 | OJ990827_09.0103.C27.p2.np | zf-c2h2(HMM:2.9e-08) |
| 23556 | OJ990914_01.9B05.C7.p3.np | zf-c2h2(HMM:2.2e-18) |
| 23557 | OJ990923_14.0228.C50.p1.np | zf-c2h2(HMM:3.2e-11) |
| 23558 | OJ991008_04.0121.C8.p1.np | zf-c2h2(HMM:1.7e-08) |
| 23559 | OJ991012_10.0127.C15.p1.np | zf-c2h2(HMM:3.4e-07) |
| 23560 | OJ991018_04.0211.C28.p1.np | zf-c2h2(HMM:5e-08) |
| 23561 | OJ991019_20.0419.C2.p3.np | zf-c2h2(HMM:1.7e-11) |
| 23562 | OJ991020_10.0119.C18.p1.np | zf-c2h2(HMM:0.0015) |
| 23563 | OJ991026_06.0218.C6.p2.np | zf-c2h2(HMM:1.8e-06) |
| 23564 | OJ991026_06.0218.C7.p1.np | zf-c2h2(HMM:1.3e-10) |

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| 23565 | OJ991027_16.0118.C7.p1.np | zf-c2h2(HMM:8e-11) |
| 23566 | OJ991027_18.0118.C3.p3.np | zf-c2h2(HMM:0.017) |
| 23567 | OJ991101_02.0202.C11.p1.np | zf-c2h2(HMM:0.078) |
| 23568 | OJ991109_13.0131.C14.p1.np | zf-c2h2(HMM:5.1e-07) |
| 23569 | OJ991112_01.0403.C10.p4.np | zf-c2h2(HMM:2.2e-07) |
| 23570 | OJ991112_01.0403.C10.p6.np | zf-c2h2(HMM:2.2e-07) |
| 23571 | OJ991112_14.0128.C7.p3.np | zf-c2h2(HMM:1.7e-11) |
| 23572 | OJ991113_35.0112.C2.p1.np | zf-c2h2(HMM:1.9e-10) |
| 23573 | OJ991116_02.0215.C10.p1.np | zf-c2h2(HMM:2.1e-11) |
| 23574 | OJ991118_13.0111.C3.p3.np | zf-c2h2(HMM:1.8e-06) |
| 23575 | OJ991118_13.0111.C3.p4.np | zf-c2h2(HMM:1.3e-10) |
| 23576 | OJ991120_34.0419.C16.p1.np | zf-c2h2(HMM:1.7e-11) |
| 23577 | OJ991122_12.0229.C3.p5.np | zf-c2h2(HMM:9.2e-12) |
| 23578 | OJ991122_12.0229.C3.p6.np | zf-c2h2(HMM:9.2e-12) |
| 23579 | OJ991122_12.0229.C3.p7.np | zf-c2h2(HMM:9.2e-12) |
| 23580 | OJ991214_11.0127.C2.p4.np | zf-c2h2(HMM:5.2e-06) |
| 23581 | OJ991216_06.0211.C14.p1.np | zf-c2h2(HMM:5e-08) |
| 23582 | OJ991217_20.0218.C8.p4.np | zf-c2h2(HMM:0.078) |
| 23583 | OJ000102_65.0419.C26.p3.np | zf-c3hc4(HMM:1.2e-08) |
| 23584 | OJ000102_65.0426.C26.p3.np | zf-c3hc4(HMM:1.2e-08) |
| 23585 | OJ000102_74.0317.C4.p1.np | zf-c3hc4(HMM:0.00078) |
| 23586 | OJ000102_74.0426.C4.p1.np | zf-c3hc4(HMM:0.00078) |
| 23587 | OJ000102_77.0222.C11.p3.np | zf-c3hc4(HMM:6.2e-11) |
| 23588 | OJ000102_77.0310.C11.p3.np | zf-c3hc4(HMM:6.2e-11) |
| 23589 | OJ000102_77.0426.C11.p3.np | zf-c3hc4(HMM:6.2e-11) |
| 23590 | OJ000102_79.0301.C6.p1.np | zf-c3hc4(HMM:6.7e-07) |
| 23591 | OJ000102_79.0301.C6.p2.np | zf-c3hc4(HMM:1.9e-07) |
| 23592 | OJ000102_79.0414.C6.p1.np | zf-c3hc4(HMM:6.7e-07) |
| 23593 | OJ000102_79.0414.C6.p2.np | zf-c3hc4(HMM:1.9e-07) |
| 23594 | OJ000102_79.0426.C6.p1.np | zf-c3hc4(HMM:6.7e-07) |
| 23595 | OJ000102_79.0426.C6.p2.np | zf-c3hc4(HMM:1.9e-07) |
| 23596 | OJ000102_80.0307.C10.p3.np | zf-c3hc4(HMM:2.3e-12) |
| 23597 | OJ000102_80.0307.C5.p1.np | zf-c3hc4(HMM:3.8e-12) |
| 23598 | OJ000102_80.0307.C6.p8.np | zf-c3hc4(HMM:3e-08) |
| 23599 | OJ000102_80.0426.C10.p3.np | zf-c3hc4(HMM:2.3e-12) |
| 23600 | OJ000102_80.0426.C5.p1.np | zf-c3hc4(HMM:3.8e-12) |
| 23601 | OJ000102_80.0426.C6.p8.np | zf-c3hc4(HMM:3e-08) |
| 23602 | OJ000106_07.0222.C2.p1.np | zf-c3hc4(HMM:9.9e-09) |
| 23603 | OJ000106_07.0310.C6.p1.np | zf-c3hc4(HMM:9.9e-09) |
| 23604 | OJ000106_07.0426.C6.p1.np | zf-c3hc4(HMM:9.9e-09) |
| 23605 | OJ000107_04.0210.C11.p5.np | zf-c3hc4(HMM:9.4e-13) |
| 23606 | OJ000107_04.0426.C11.p5.np | zf-c3hc4(HMM:9.4e-13) |
| 23607 | OJ000108_55.0426.C29.p1.np | zf-c3hc4(HMM:0.014) |
| 23608 | OJ000110_02.0330.C82.p1.np | zf-c3hc4(HMM:4.6e-13) |
| 23609 | OJ000110_02.0426.C82.p1.np | zf-c3hc4(HMM:4.6e-13) |
| 23610 | OJ000110_09.0308.C27.p3.np | zf-c3hc4(HMM:3.6e-12) |
| 23611 | OJ000110_09.0426.C27.p3.np | zf-c3hc4(HMM:3.6e-12) |
| 23612 | OJ000112_19.0225.C22.p1.np | zf-c3hc4(HMM:1.4e-05) |
| 23613 | OJ000112_19.0225.C4.p1.np | zf-c3hc4(HMM:6.9e-08) |
| 23614 | OJ000112_19.0225.C5.p1.np | zf-c3hc4(HMM:5.6e-05) |
| 23615 | OJ000113_02.0211.C5.p1.np | zf-c3hc4(HMM:5.6e-11) |
| 23616 | OJ000113_02.0426.C5.p1.np | zf-c3hc4(HMM:5.6e-11) |
| 23617 | OJ000113_05.0222.C10.p2.np | zf-c3hc4(HMM:1e-07) |
| 23618 | OJ000113_05.0426.C10.p2.np | zf-c3hc4(HMM:1e-07) |

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| 23619 | OJ000113_20.0203.C11.p1.np | zf-c3hc4(HMM:5.1e-08) |
| 23620 | OJ000113_21.0317.C9.p2.np | zf-c3hc4(HMM:5.7e-12) |
| 23621 | OJ000113_28.0218.C11.p1.np | zf-c3hc4(HMM:2e-08) |
| 23622 | OJ000114_10.0419.C2.p2.np | zf-c3hc4(HMM:3.4e-12) |
| 23623 | OJ000114_21.0216.C12.p2.np | zf-c3hc4(HMM:1.2e-12) |
| 23624 | OJ000115_47.0316.C1.p13.np | zf-c3hc4(HMM:2.8e-09) |
| 23625 | OJ000115_47.0316.C1.p5.np | zf-c3hc4(HMM:2.8e-09) |
| 23626 | OJ000115_47.0316.C1.p6.np | zf-c3hc4(HMM:2.8e-09) |
| 23627 | OJ000116_39.0419.C9.p2.np | zf-c3hc4(HMM:0.0024) |
| 23628 | OJ000118_02.0222.C5.p2.np | zf-c3hc4(HMM:2e-09) |
| 23629 | OJ000118_02.0222.C9.p2.np | zf-c3hc4(HMM:6.5e-14) |
| 23630 | OJ000118_13.0419.C26.p2.np | zf-c3hc4(HMM:9.6e-12) |
| 23631 | OJ000118_16.0301.C12.p1.np | zf-c3hc4(HMM:3.4e-12) |
| 23632 | OJ000118_16.0317.C13.p2.np | zf-c3hc4(HMM:3.4e-12) |
| 23633 | OJ000118_18.0322.C5.p1.np | zf-c3hc4(HMM:0.0016) |
| 23634 | OJ000118_20.0222.C19.p2.np | zf-c3hc4(HMM:3.5e-09) |
| 23635 | OJ000118_24.0307.C22.p2.np | zf-c3hc4(HMM:6.9e-09) |
| 23636 | OJ000119_23.0229.C24.p1.np | zf-c3hc4(HMM:5.9e-11) |
| 23637 | OJ000122_55.0307.C17.p3.np | zf-c3hc4(HMM:8.3e-11) |
| 23638 | OJ000125_20.0303.C5.p6.np | zf-c3hc4(HMM:5e-10) |
| 23639 | OJ000130_35.0323.C23.p1.np | zf-c3hc4(HMM:0.0073) |
| 23640 | OJ000150_00.0124.C58.p1.np | zf-c3hc4(HMM:0.0005) |
| 23641 | OJ000150_19.0124.C4.p1.np | zf-c3hc4(HMM:0.23) |
| 23642 | OJ000150_20.0124.C6.p1.np | zf-c3hc4(HMM:1e-11) |
| 23643 | OJ000150_20.0124.C8.p4.np | zf-c3hc4(HMM:5e-11) |
| 23644 | OJ000150_32.0124.C25.p1.np | zf-c3hc4(HMM:4.6e-06) |
| 23645 | OJ000203_06.0316.C4.p2.np | zf-c3hc4(HMM:1e-13) |
| 23646 | OJ000207_09.0306.C3.p6.np | zf-c3hc4(HMM:0.0031) |
| 23647 | OJ000207_09.0306.C3.p7.np | zf-c3hc4(HMM:0.0031) |
| 23648 | OJ000207_18.0323.C21.p5.np | zf-c3hc4(HMM:3.4e-12) |
| 23649 | OJ000207_18.0323.C23.p1.np | zf-c3hc4(HMM:0.00091) |
| 23650 | OJ000208_08.0321.C6.p1.np | zf-c3hc4(HMM:5.3e-13) |
| 23651 | OJ000209_03.0309.C17.p3.np | zf-c3hc4(HMM:1.6e-10) |
| 23652 | OJ000209_08.0309.C2.p3.np | zf-c3hc4(HMM:3e-05) |
| 23653 | OJ000209_13.0316.C10.p1.np | zf-c3hc4(HMM:0.00049) |
| 23654 | OJ000209_20.0313.C21.p4.np | zf-c3hc4(HMM:4.9e-09) |
| 23655 | OJ000209_26.0229.C3.p2.np | zf-c3hc4(HMM:0.0085) |
| 23656 | OJ000210_20.0419.C36.p1.np | zf-c3hc4(HMM:4.7e-14) |
| 23657 | OJ000211_07.0316.C6.p2.np | zf-c3hc4(HMM:0.035) |
| 23658 | OJ000211_08.0323.C12.p1.np | zf-c3hc4(HMM:2.2e-11) |
| 23659 | OJ000214_02.0321.C14.p2.np | zf-c3hc4(HMM:5.3e-14) |
| 23660 | OJ000214_09.0321.C17.p2.np | zf-c3hc4(HMM:0.034) |
| 23661 | OJ000214_09.0321.C24.p1.np | zf-c3hc4(HMM:9.3e-05) |
| 23662 | OJ000216_03.0330.C3.p1.np | zf-c3hc4(HMM:1.9e-05) |
| 23663 | OJ000216_07.0323.C6.p1.np | zf-c3hc4(HMM:1.8e-10) |
| 23664 | OJ000216_09.0330.C2.p2.np | zf-c3hc4(HMM:0.0012) |
| 23665 | OJ000217_08.0419.C11.p2.np | zf-c3hc4(HMM:0.05) |
| 23666 | OJ000217_08.0419.C11.p3.np | zf-c3hc4(HMM:0.047) |
| 23667 | OJ000217_09.0320.C7.p1.np | zf-c3hc4(HMM:2.6e-21) |
| 23668 | OJ000217_09.0320.C8.p1.np | zf-c3hc4(HMM:2.5e-10) |
| 23669 | OJ000217_17.0403.C60.p2.np | zf-c3hc4(HMM:2.2e-08) |
| 23670 | OJ000222_02.0327.C7.p2.np | zf-c3hc4(HMM:3.7e-08) |
| 23671 | OJ000222_12.0404.C9.p3.np | zf-c3hc4(HMM:1.4e-07) |
| 23672 | OJ000223_15.0419.C15.p1.np | zf-c3hc4(HMM:2.9e-11) |

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| 23673 | OJ000228_07.0410.C7.p2.np | zf-c3hc4(HMM:0.00066) |
| 23674 | OJ000229_10.0419.C21.p1.np | zf-c3hc4(HMM:5.6e-11) |
| 23675 | OJ000229_14.0327.C18.p2.np | zf-c3hc4(HMM:6.4e-10) |
| 23676 | OJ000229_14.0327.C29.p2.np | zf-c3hc4(HMM:9.1e-12) |
| 23677 | OJ000229_16.0327.C38.p2.np | zf-c3hc4(HMM:8.1e-13) |
| 23678 | OJ000229_24.0419.C22.p1.np | zf-c3hc4(HMM:0.0013) |
| 23679 | OJ000250_01.0308.C9.p1.np | zf-c3hc4(HMM:5.2e-11) |
| 23680 | OJ000250_01.0414.C2.p4.np | zf-c3hc4(HMM:5.2e-11) |
| 23681 | OJ000250_46.0211.C8.p2.np | zf-c3hc4(HMM:1.1e-10) |
| 23682 | OJ000250_46.0303.C3.p2.np | zf-c3hc4(HMM:1.1e-10) |
| 23683 | OJ000250_84.0214.C1.p3.np | zf-c3hc4(HMM:0.0018) |
| 23684 | OJ000250_85.0214.C2.p1.np | zf-c3hc4(HMM:1.7) |
| 23685 | OJ000250_85.0214.C6.p2.np | zf-c3hc4(HMM:3.3e-12) |
| 23686 | OJ000251_17.0307.C61.p3.np | zf-c3hc4(HMM:8.3e-11) |
| 23687 | OJ000251_17.0331.C59.p2.np | zf-c3hc4(HMM:8.3e-11) |
| 23688 | OJ000251_22.0403.C7.p2.np | zf-c3hc4(HMM:0.0012) |
| 23689 | OJ000251_51.0217.C4.p1.np | zf-c3hc4(HMM:1.1e-10) |
| 23690 | OJ000301_03.0404.C10.p3.np | zf-c3hc4(HMM:1.1e-12) |
| 23691 | OJ000301_18.0330.C11.p1.np | zf-c3hc4(HMM:0.00011) |
| 23692 | OJ000301_20.0330.C15.p5.np | zf-c3hc4(HMM:0.081) |
| 23693 | OJ000301_23.0419.C26.p1.np | zf-c3hc4(HMM:0.03) |
| 23694 | OJ000301_25.0410.C12.p6.np | zf-c3hc4(HMM:3.1e-09) |
| 23695 | OJ000302_01.0405.C23.p1.np | zf-c3hc4(HMM:6.1e-13) |
| 23696 | OJ000302_01.0405.C25.p1.np | zf-c3hc4(HMM:1.5e-12) |
| 23697 | OJ000302_26.0419.C42.p1.np | zf-c3hc4(HMM:0.012) |
| 23698 | OJ000302_28.0419.C26.p2.np | zf-c3hc4(HMM:0.012) |
| 23699 | OJ000303_02.0403.C7.p14.np | zf-c3hc4(HMM:1.4e-12) |
| 23700 | OJ000303_02.0403.C7.p9.np | zf-c3hc4(HMM:1.4e-12) |
| 23701 | OJ000303_05.0410.C12.p1.np | zf-c3hc4(HMM:2.9e-12) |
| 23702 | OJ000303_20.0419.C28.p1.np | zf-c3hc4(HMM:2.3e-10) |
| 23703 | OJ000303_20.0419.C29.p2.np | zf-c3hc4(HMM:9.2e-08) |
| 23704 | OJ000303_24.0327.C10.p1.np | zf-c3hc4(HMM:0.0073) |
| 23705 | OJ000303_27.0328.C8.p2.np | zf-c3hc4(HMM:0.0073) |
| 23706 | OJ000306_12.0330.C7.p7.np | zf-c3hc4(HMM:0.068) |
| 23707 | OJ000306_15.0406.C5.p2.np | zf-c3hc4(HMM:1.1e-09) |
| 23708 | OJ000307_28.0417.C7.p2.np | zf-c3hc4(HMM:2.1e-06) |
| 23709 | OJ000308_05.0406.C9.p2.np | zf-c3hc4(HMM:1.5e-12) |
| 23710 | OJ000310_10.0419.C8.p1.np | zf-c3hc4(HMM:9.4e-08) |
| 23711 | OJ000310_23.0419.C17.p2.np | zf-c3hc4(HMM:2.8e-08) |
| 23712 | OJ000310_32.0419.C6.p1.np | zf-c3hc4(HMM:2.4e-14) |
| 23713 | OJ000310_39.0424.C155.p1.np | zf-c3hc4(HMM:6.7e-07) |
| 23714 | OJ000310_40.0424.C6.p1.np | zf-c3hc4(HMM:0.0027) |
| 23715 | OJ000313_11.0417.C13.p3.np | zf-c3hc4(HMM:6.2e-11) |
| 23716 | OJ000313_32.0419.C8.p3.np | zf-c3hc4(HMM:5.5e-14) |
| 23717 | OJ000314_01.0419.C1.p2.np | zf-c3hc4(HMM:1.9e-11) |
| 23718 | OJ000314_06.0421.C12.p1.np | zf-c3hc4(HMM:2.8e-08) |
| 23719 | OJ000314_08.0414.C7.p1.np | zf-c3hc4(HMM:7.9e-11) |
| 23720 | OJ000320_05.0417.C10.p3.np | zf-c3hc4(HMM:0.0029) |
| 23721 | OJ000320_18.0424.C17.p2.np | zf-c3hc4(HMM:1.4e-12) |
| 23722 | OJ000320_18.0424.C2.p1.np | zf-c3hc4(HMM:1e-13) |
| 23723 | OJ000320_25.0419.C14.p1.np | zf-c3hc4(HMM:2.8e-09) |
| 23724 | OJ000320_35.0412.C22.p2.np | zf-c3hc4(HMM:1.1e-12) |
| 23725 | OJ000321_15.0419.C54.p2.np | zf-c3hc4(HMM:0.0019) |
| 23726 | OJ000321_38.0419.C7.p1.np | zf-c3hc4(HMM:2e-12) |

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| 23727 | OJ000321_38.0419.C7.p2.np | zf-c3hc4(HMM:2.3e-10) |
| 23728 | OJ000322_06.0424.C26.p1.np | zf-c3hc4(HMM:1.8e-12) |
| 23729 | OJ000322_12.0424.C39.p1.np | zf-c3hc4(HMM:4.5e-09) |
| 23730 | OJ000322_18.0419.C8.p1.np | zf-c3hc4(HMM:0.16) |
| 23731 | OJ000322_23.0413.C5.p1.np | zf-c3hc4(HMM:2.8e-07) |
| 23732 | OJ000323_10.0413.C7.p1.np | zf-c3hc4(HMM:0.0034) |
| 23733 | OJ000323_21.0419.C11.p1.np | zf-c3hc4(HMM:1.4e-12) |
| 23734 | OJ000323_36.0419.C15.p1.np | zf-c3hc4(HMM:0.038) |
| 23735 | OJ000324_06.0420.C14.p1.np | zf-c3hc4(HMM:4.5e-09) |
| 23736 | OJ000324_11.0421.C12.p1.np | zf-c3hc4(HMM:1.9e-11) |
| 23737 | OJ000324_12.0421.C7.p1.np | zf-c3hc4(HMM:2e-11) |
| 23738 | OJ000324_16.0420.C27.p1.np | zf-c3hc4(HMM:1.1e-10) |
| 23739 | OJ000324_22.0424.C42.p1.np | zf-c3hc4(HMM:7.8e-07) |
| 23740 | OJ000324_26.0412.C18.p2.np | zf-c3hc4(HMM:1.2e-10) |
| 23741 | OJ000324_26.0420.C5.p2.np | zf-c3hc4(HMM:1.2e-10) |
| 23742 | OJ000327_01.0418.C10.p1.np | zf-c3hc4(HMM:2.8e-09) |
| 23743 | OJ000327_02.0418.C10.p4.np | zf-c3hc4(HMM:8.3e-11) |
| 23744 | OJ000327_13.0419.C18.p1.np | zf-c3hc4(HMM:6.5e-14) |
| 23745 | OJ000327_14.0420.C13.p1.np | zf-c3hc4(HMM:1e-13) |
| 23746 | OJ000327_19.0420.C34.p1.np | zf-c3hc4(HMM:2.9e-12) |
| 23747 | OJ000327_27.0417.C4.p1.np | zf-c3hc4(HMM:2.9e-11) |
| 23748 | OJ000327_35.0419.C9.p1.np | zf-c3hc4(HMM:0.00074) |
| 23749 | OJ000327_37.0419.C11.p6.np | zf-c3hc4(HMM:7.2e-12) |
| 23750 | OJ000329_07.0419.C21.p1.np | zf-c3hc4(HMM:1.1e-12) |
| 23751 | OJ000330_17.0421.C6.p4.np | zf-c3hc4(HMM:1.6e-11) |
| 23752 | OJ000330_31.0424.C48.p1.np | zf-c3hc4(HMM:3.3e-10) |
| 23753 | OJ000330_32.0419.C16.p1.np | zf-c3hc4(HMM:8.7e-12) |
| 23754 | OJ000330_37.0420.C11.p1.np | zf-c3hc4(HMM:0.00034) |
| 23755 | OJ000331_23.0421.C30.p1.np | zf-c3hc4(HMM:1.4e-13) |
| 23756 | OJ000350_15.0322.C12.p5.np | zf-c3hc4(HMM:2.3e-11) |
| 23757 | OJ000350_31.0315.C11.p2.np | zf-c3hc4(HMM:3.5e-11) |
| 23758 | OJ000350_31.0315.C6.p3.np | zf-c3hc4(HMM:0.0024) |
| 23759 | OJ000350_55.0419.C23.p1.np | zf-c3hc4(HMM:1e-13) |
| 23760 | OJ000350_64.0403.C14.p5.np | zf-c3hc4(HMM:9.3e-09) |
| 23761 | OJ000350_66.0407.C37.p4.np | zf-c3hc4(HMM:2.3e-11) |
| 23762 | OJ000350_68.0327.C19.p1.np | zf-c3hc4(HMM:1.2e-10) |
| 23763 | OJ000403_16.0419.C11.p3.np | zf-c3hc4(HMM:5.5e-13) |
| 23764 | OJ000403_29.0424.C9.p1.np | zf-c3hc4(HMM:0.002) |
| 23765 | OJ000404_05.0424.C7.p2.np | zf-c3hc4(HMM:1.3e-08) |
| 23766 | OJ000405_19.0424.C28.p1.np | zf-c3hc4(HMM:1.8e-09) |
| 23767 | OJ000450_11.0410.C6.p1.np | zf-c3hc4(HMM:0.0036) |
| 23768 | OJ000450_13.0410.C6.p5.np | zf-c3hc4(HMM:7.7e-06) |
| 23769 | OJ000450_20.0411.C8.p2.np | zf-c3hc4(HMM:4.6e-06) |
| 23770 | OJ000450_20.0420.C5.p4.np | zf-c3hc4(HMM:4.6e-06) |
| 23771 | OJ990203_07.9819.C29.p2.np | zf-c3hc4(HMM:0.00015) |
| 23772 | OJ990301_10.9B03.C5.p2.np | zf-c3hc4(HMM:0.068) |
| 23773 | OJ990303_10.0420.C19.p1.np | zf-c3hc4(HMM:8e-13) |
| 23774 | OJ990303_10.0420.C24.p1.np | zf-c3hc4(HMM:9.3e-12) |
| 23775 | OJ990303_10.9819.C16.p1.np | zf-c3hc4(HMM:2.6e-12) |
| 23776 | OJ990303_10.9819.C26.p1.np | zf-c3hc4(HMM:9.3e-12) |
| 23777 | OJ990305_03.9819.C55.p1.np | zf-c3hc4(HMM:1.6e-11) |
| 23778 | OJ990305_04.9819.C46.p1.np | zf-c3hc4(HMM:4.3e-09) |
| 23779 | OJ990305_04.9819.C46.p2.np | zf-c3hc4(HMM:4.3e-09) |
| 23780 | OJ990311_09.9819.C15.p11.np | zf-c3hc4(HMM:1.2e-07) |

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| 23835 | OJ990527_41.9C17.C9.p1.np | zf-c3hc4(HMM:1.8e-05) |
| 23836 | OJ990528_06.9C03.C28.p1.np | zf-c3hc4(HMM:5.3e-14) |
| 23837 | OJ990531_34.9A14.C9.p2.np | zf-c3hc4(HMM:0.038) |
| 23838 | OJ990531_34.9A14.C9.p3.np | zf-c3hc4(HMM:0.038) |
| 23839 | OJ990531_45.9922.C2.p1.np | zf-c3hc4(HMM:7.8e-13) |
| 23840 | OJ990531_45.9922.C5.p3.np | zf-c3hc4(HMM:1.1e-09) |
| 23841 | OJ990601_07.9B12.C36.p1.np | zf-c3hc4(HMM:2.2e-06) |
| 23842 | OJ990601_08.9A22.C6.p1.np | zf-c3hc4(HMM:0.0016) |
| 23843 | OJ990601_08.9A22.C9.p1.np | zf-c3hc4(HMM:4.5e-12) |
| 23844 | OJ990602_02.0421.C29.p2.np | zf-c3hc4(HMM:9.1e-12) |
| 23845 | OJ990602_02.9C20.C35.p2.np | zf-c3hc4(HMM:9.1e-12) |
| 23846 | OJ990602_14.0421.C6.p3.np | zf-c3hc4(HMM:2.3) |
| 23847 | OJ990602_14.9C21.C6.p3.np | zf-c3hc4(HMM:2.3) |
| 23848 | OJ990604_10.9A29.C11.p1.np | zf-c3hc4(HMM:6.5e-14) |
| 23849 | OJ990617_06.9A27.C103.p1.np | zf-c3hc4(HMM:3e-08) |
| 23850 | OJ990617_06.9A27.C21.p1.np | zf-c3hc4(HMM:2.3e-12) |
| 23851 | OJ990617_06.9A27.C86.p1.np | zf-c3hc4(HMM:3.8e-12) |
| 23852 | OJ990617_11.9B19.C21.p1.np | zf-c3hc4(HMM:1.3e-09) |
| 23853 | OJ990617_11.9B19.C21.p9.np | zf-c3hc4(HMM:4e-05) |
| 23854 | OJ990617_12.0420.C20.p1.np | zf-c3hc4(HMM:3.9e-12) |
| 23855 | OJ990617_12.9921.C57.p1.np | zf-c3hc4(HMM:3.9e-12) |
| 23856 | OJ990618_12.9921.C47.p1.np | zf-c3hc4(HMM:4.4e-10) |
| 23857 | OJ990618_12.9921.C47.p2.np | zf-c3hc4(HMM:4.4e-10) |
| 23858 | OJ990618_12.9921.C6.p1.np | zf-c3hc4(HMM:1.5e-09) |
| 23859 | OJ990620_39.9919.C1.p1.np | zf-c3hc4(HMM:4.9e-10) |
| 23860 | OJ990620_39.9919.C8.p2.np | zf-c3hc4(HMM:2.7e-11) |
| 23861 | OJ990621_04.9C03.C11.p5.np | zf-c3hc4(HMM:2.4e-06) |
| 23862 | OJ990626_31.9A14.C6.p1.np | zf-c3hc4(HMM:2.3e-11) |
| 23863 | OJ990626_31.9A14.C6.p2.np | zf-c3hc4(HMM:2.3e-11) |
| 23864 | OJ990626_47.9922.C7.p2.np | zf-c3hc4(HMM:1.2e-12) |
| 23865 | OJ990627_42.9B05.C8.p1.np | zf-c3hc4(HMM:9.4e-13) |
| 23866 | OJ990630_06.9B15.C3.p3.np | zf-c3hc4(HMM:2.3e-10) |
| 23867 | OJ990630_06.9B15.C3.p5.np | zf-c3hc4(HMM:9.2e-08) |
| 23868 | OJ990709_01.9919.C1.p3.np | zf-c3hc4(HMM:2.9e-12) |
| 23869 | OJ990709_14.9B05.C3.p2.np | zf-c3hc4(HMM:0.00015) |
| 23870 | OJ990713_03.9A01.C6.p5.np | zf-c3hc4(HMM:5.5e-13) |
| 23871 | OJ990713_04.9C17.C35.p2.np | zf-c3hc4(HMM:5.5e-11) |
| 23872 | OJ990713_08.0128.C4.p2.np | zf-c3hc4(HMM:8.9e-07) |
| 23873 | OJ990713_14.9A18.C2.p1.np | zf-c3hc4(HMM:2.9e-12) |
| 23874 | OJ990715_06.9A01.C3.p7.np | zf-c3hc4(HMM:1.5e-13) |
| 23875 | OJ990715_11.0419.C12.p3.np | zf-c3hc4(HMM:0.0009) |
| 23876 | OJ990720_09.9C01.C5.p1.np | zf-c3hc4(HMM:3.4e-06) |
| 23877 | OJ990723_14.9A18.C5.p1.np | zf-c3hc4(HMM:1e-13) |
| 23878 | OJ990723_14.9A18.C8.p5.np | zf-c3hc4(HMM:0.01) |
| 23879 | OJ990727_12.9C10.C8.p1.np | zf-c3hc4(HMM:1.6e-10) |
| 23880 | OJ990728_08.0114.C13.p4.np | zf-c3hc4(HMM:2.6e-12) |
| 23881 | OJ990803_07.9B19.C11.p3.np | zf-c3hc4(HMM:6.5e-14) |
| 23882 | OJ990803_07.9B19.C16.p2.np | zf-c3hc4(HMM:2e-09) |
| 23883 | OJ990803_13.9B19.C13.p5.np | zf-c3hc4(HMM:6.9e-11) |
| 23884 | OJ990807_31.0419.C14.p1.np | zf-c3hc4(HMM:3.8e-07) |
| 23885 | OJ990807_32.0211.C15.p3.np | zf-c3hc4(HMM:3.8e-07) |
| 23886 | OJ990807_32.0211.C15.p4.np | zf-c3hc4(HMM:0.023) |
| 23887 | OJ990808_37.0103.C6.p2.np | zf-c3hc4(HMM:0.0013) |
| 23888 | OJ990808_57.0118.C24.p1.np | zf-c3hc4(HMM:4.4e-08) |

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| 23889 | OJ990817_14.9B08.C10.p4.np | zf-c3hc4(HMM:1.4e-13) |
| 23890 | OJ990817_15.0419.C29.p2.np | zf-c3hc4(HMM:2.9e-11) |
| 23891 | OJ990817_15.0419.C29.p4.np | zf-c3hc4(HMM:2.9e-11) |
| 23892 | OJ990818_05.9C01.C11.p1.np | zf-c3hc4(HMM:2e-12) |
| 23893 | OJ990818_08.9B12.C13.p6.np | zf-c3hc4(HMM:7.8e-12) |
| 23894 | OJ990818_13.0217.C18.p1.np | zf-c3hc4(HMM:0.041) |
| 23895 | OJ990818_13.0317.C6.p1.np | zf-c3hc4(HMM:0.041) |
| 23896 | OJ990818_15.9B12.C20.p2.np | zf-c3hc4(HMM:8.9e-07) |
| 23897 | OJ990822_43.9C06.C15.p1.np | zf-c3hc4(HMM:2.9e-11) |
| 23898 | OJ990822_43.9C06.C2.p4.np | zf-c3hc4(HMM:0.057) |
| 23899 | OJ990822_47.0103.C8.p1.np | zf-c3hc4(HMM:0.0083) |
| 23900 | OJ990822_50.9C23.C1.p2.np | zf-c3hc4(HMM:8.7e-13) |
| 23901 | OJ990823_06.9B03.C5.p1.np | zf-c3hc4(HMM:3.3e-10) |
| 23902 | OJ990825_02.9A29.C34.p1.np | zf-c3hc4(HMM:0.00016) |
| 23903 | OJ990825_13.9B24.C30.p1.np | zf-c3hc4(HMM:1.3e-09) |
| 23904 | OJ990825_14.9B15.C10.p2.np | zf-c3hc4(HMM:4.6e-13) |
| 23905 | OJ990830_10.9C13.C28.p1.np | zf-c3hc4(HMM:0.0021) |
| 23906 | OJ990831_04.9A21.C14.p2.np | zf-c3hc4(HMM:0.0016) |
| 23907 | OJ990901_09.0211.C9.p1.np | zf-c3hc4(HMM:2.9e-07) |
| 23908 | OJ990908_15.9C14.C9.p1.np | zf-c3hc4(HMM:0.022) |
| 23909 | OJ990913_14.9B19.C11.p1.np | zf-c3hc4(HMM:1.5e-09) |
| 23910 | OJ990914_19.9B01.C3.p2.np | zf-c3hc4(HMM:3.4e-09) |
| 23911 | OJ990914_19.9B01.C3.p3.np | zf-c3hc4(HMM:3.4e-09) |
| 23912 | OJ990921_14.0308.C10.p1.np | zf-c3hc4(HMM:5.2e-11) |
| 23913 | OJ990923_03.9B10.C6.p1.np | zf-c3hc4(HMM:1.9e-07) |
| 23914 | OJ990923_03.9B10.C6.p2.np | zf-c3hc4(HMM:0.0012) |
| 23915 | OJ990924_17.0211.C21.p2.np | zf-c3hc4(HMM:6.7e-09) |
| 23916 | OJ990927_04.9B22.C8.p2.np | zf-c3hc4(HMM:4.2e-10) |
| 23917 | OJ990930_04.9C01.C7.p1.np | zf-c3hc4(HMM:0.00066) |
| 23918 | OJ990930_16.9B05.C23.p1.np | zf-c3hc4(HMM:1.5e-09) |
| 23919 | OJ991007_18.0120.C6.p4.np | zf-c3hc4(HMM:0.002) |
| 23920 | OJ991012_11.0126.C35.p1.np | zf-c3hc4(HMM:1.2e-13) |
| 23921 | OJ991012_11.0126.C35.p3.np | zf-c3hc4(HMM:1.9e-12) |
| 23922 | OJ991012_13.0128.C6.p1.np | zf-c3hc4(HMM:1.3e-06) |
| 23923 | OJ991013_05.0111.C8.p2.np | zf-c3hc4(HMM:1.5e-10) |
| 23924 | OJ991013_12.0112.C12.p3.np | zf-c3hc4(HMM:0.03) |
| 23925 | OJ991014_10.0207.C11.p2.np | zf-c3hc4(HMM:4.6e-13) |
| 23926 | OJ991018_17.0421.C1.p2.np | zf-c3hc4(HMM:1.6e-11) |
| 23927 | OJ991020_05.0222.C19.p1.np | zf-c3hc4(HMM:0.0027) |
| 23928 | OJ991020_06.0215.C28.p1.np | zf-c3hc4(HMM:1.1e-12) |
| 23929 | OJ991020_06.0303.C19.p1.np | zf-c3hc4(HMM:1.1e-12) |
| 23930 | OJ991020_08.0112.C6.p4.np | zf-c3hc4(HMM:2.2e-08) |
| 23931 | OJ991020_11.0207.C9.p3.np | zf-c3hc4(HMM:1.5e-06) |
| 23932 | OJ991021_03.0413.C26.p1.np | zf-c3hc4(HMM:0.0083) |
| 23933 | OJ991021_13.0419.C5.p1.np | zf-c3hc4(HMM:6.5e-14) |
| 23934 | OJ991021_13.0419.C9.p7.np | zf-c3hc4(HMM:2e-09) |
| 23935 | OJ991022_08.0308.C40.p1.np | zf-c3hc4(HMM:1.9e-09) |
| 23936 | OJ991022_17.0225.C8.p1.np | zf-c3hc4(HMM:3.1e-11) |
| 23937 | OJ991026_09.0222.C13.p1.np | zf-c3hc4(HMM:2e-11) |
| 23938 | OJ991026_13.0118.C17.p1.np | zf-c3hc4(HMM:6.9e-09) |
| 23939 | OJ991026_13.0118.C4.p1.np | zf-c3hc4(HMM:0.00072) |
| 23940 | OJ991028_15.0118.C27.p1.np | zf-c3hc4(HMM:1.9e-09) |
| 23941 | OJ991029_09.0120.C1.p3.np | zf-c3hc4(HMM:2.2e-09) |
| 23942 | OJ991101_09.0131.C14.p1.np | zf-c3hc4(HMM:1.3) |

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| 23943 | OJ991101_09.0131.C23.p2.np | zf-c3hc4(HMM:0.0021) |
| 23944 | OJ991102_02.0223.C2.p1.np | zf-c3hc4(HMM:9.3e-05) |
| 23945 | OJ991102_06.0120.C5.p2.np | zf-c3hc4(HMM:4.4e-11) |
| 23946 | OJ991103_03.0125.C6.p1.np | zf-c3hc4(HMM:2.3e-10) |
| 23947 | OJ991103_03.0125.C6.p3.np | zf-c3hc4(HMM:9.2e-08) |
| 23948 | OJ991103_16.0308.C14.p1.np | zf-c3hc4(HMM:6e-07) |
| 23949 | OJ991106_41.0419.C18.p2.np | zf-c3hc4(HMM:4.4e-11) |
| 23950 | OJ991106_42.0103.C7.p3.np | zf-c3hc4(HMM:1.2e-10) |
| 23951 | OJ991107_30.0204.C11.p4.np | zf-c3hc4(HMM:6.3e-09) |
| 23952 | OJ991107_37.0113.C75.p1.np | zf-c3hc4(HMM:2e-11) |
| 23953 | OJ991108_05.0126.C5.p1.np | zf-c3hc4(HMM:0.018) |
| 23954 | OJ991109_09.0421.C7.p1.np | zf-c3hc4(HMM:6.8e-11) |
| 23955 | OJ991109_09.9C22.C4.p1.np | zf-c3hc4(HMM:6.8e-11) |
| 23956 | OJ991110_09.0222.C20.p1.np | zf-c3hc4(HMM:6.8e-11) |
| 23957 | OJ991110_10.0421.C8.p2.np | zf-c3hc4(HMM:0.068) |
| 23958 | OJ991110_10.9C23.C10.p2.np | zf-c3hc4(HMM:0.068) |
| 23959 | OJ991111_07.0330.C4.p3.np | zf-c3hc4(HMM:9.8e-12) |
| 23960 | OJ991111_07.0330.C5.p3.np | zf-c3hc4(HMM:1e-10) |
| 23961 | OJ991111_08.0307.C4.p1.np | zf-c3hc4(HMM:2.6e-12) |
| 23962 | OJ991113_30.9C10.C4.p1.np | zf-c3hc4(HMM:2.7e-06) |
| 23963 | OJ991113_34.9C27.C6.p1.np | zf-c3hc4(HMM:1.8e-07) |
| 23964 | OJ991114_36.0128.C2.p1.np | zf-c3hc4(HMM:0.0028) |
| 23965 | OJ991116_07.0128.C7.p3.np | zf-c3hc4(HMM:3.4e-10) |
| 23966 | OJ991116_16.0421.C46.p1.np | zf-c3hc4(HMM:0.0011) |
| 23967 | OJ991116_16.9C23.C32.p1.np | zf-c3hc4(HMM:0.0011) |
| 23968 | OJ991117_06.0419.C2.p2.np | zf-c3hc4(HMM:7.8e-13) |
| 23969 | OJ991117_12.0421.C5.p2.np | zf-c3hc4(HMM:0.0015) |
| 23970 | OJ991117_20.0216.C6.p3.np | zf-c3hc4(HMM:1.9e-09) |
| 23971 | OJ991117_20.0303.C6.p3.np | zf-c3hc4(HMM:1.9e-09) |
| 23972 | OJ991119_17.0126.C10.p1.np | zf-c3hc4(HMM:2.4e-14) |
| 23973 | OJ991120_30.0127.C15.p1.np | zf-c3hc4(HMM:3.7e-12) |
| 23974 | OJ991120_30.0127.C4.p6.np | zf-c3hc4(HMM:1e-07) |
| 23975 | OJ991121_47.9C30.C10.p1.np | zf-c3hc4(HMM:6.8e-11) |
| 23976 | OJ991122_03.0421.C7.p4.np | zf-c3hc4(HMM:2.2e-09) |
| 23977 | OJ991122_03.9C23.C7.p4.np | zf-c3hc4(HMM:2.2e-09) |
| 23978 | OJ991122_07.0421.C4.p7.np | zf-c3hc4(HMM:1.8e-05) |
| 23979 | OJ991122_07.9C27.C4.p7.np | zf-c3hc4(HMM:1.8e-05) |
| 23980 | OJ991201_19.0222.C10.p1.np | zf-c3hc4(HMM:0.098) |
| 23981 | OJ991201_19.0222.C9.p1.np | zf-c3hc4(HMM:4.5e-09) |
| 23982 | OJ991202_02.0421.C10.p3.np | zf-c3hc4(HMM:2.2e-08) |
| 23983 | OJ991202_02.9C29.C9.p3.np | zf-c3hc4(HMM:2.2e-08) |
| 23984 | OJ991202_15.0118.C1.p4.np | zf-c3hc4(HMM:4.3e-09) |
| 23985 | OJ991202_19.0114.C8.p5.np | zf-c3hc4(HMM:6.5e-11) |
| 23986 | OJ991202_19.0421.C7.p5.np | zf-c3hc4(HMM:6.5e-11) |
| 23987 | OJ991203_01.0128.C5.p3.np | zf-c3hc4(HMM:4.7e-05) |
| 23988 | OJ991206_16.0112.C4.p2.np | zf-c3hc4(HMM:7.8e-13) |
| 23989 | OJ991208_01.0110.C10.p5.np | zf-c3hc4(HMM:4.4e-11) |
| 23990 | OJ991210_01.0110.C1.p1.np | zf-c3hc4(HMM:3.8e-07) |
| 23991 | OJ991210_10.0110.C10.p1.np | zf-c3hc4(HMM:0.00019) |
| 23992 | OJ991210_13.0110.C4.p6.np | zf-c3hc4(HMM:1.2e-13) |
| 23993 | OJ991210_13.0110.C4.p8.np | zf-c3hc4(HMM:1.9e-12) |
| 23994 | OJ991214_04.0114.C12.p1.np | zf-c3hc4(HMM:4.5e-12) |
| 23995 | OJ991215_02.0224.C10.p4.np | zf-c3hc4(HMM:1.3e-06) |
| 23996 | OJ991215_14.0211.C18.p1.np | zf-c3hc4(HMM:5.5e-14) |

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| 23997 | OJ991216_03.0419.C13.p1.np | zf-c3hc4(HMM:1.5e-09) |
| 23998 | OJ991216_07.0301.C18.p1.np | zf-c3hc4(HMM:9e-12) |
| 23999 | OJ991216_07.0301.C2.p2.np | zf-c3hc4(HMM:0.057) |
| 24000 | OJ991226_32.0308.C3.p1.np | zf-c3hc4(HMM:5.2e-11) |
| 24001 | OJ000250_27.0208.C9.p1.np | zf-c3hc4(HMM:2e-06),zz(HMM:8.7e-12) |
| 24002 | OJ000250_27.0303.C5.p1.np | zf-c3hc4(HMM:2.4e-07),zz(HMM:8.7e-12) |
| 24003 | OJ991201_06.0103.C10.p1.np | zf-c3hc4(HMM:2.4e-10),zz(HMM:8.7e-12) |
| 24004 | OJ000107_02.0301.C11.p1.np | zf-ccch(HMM:0.0001) |
| 24005 | OJ000107_02.0301.C11.p2.np | zf-ccch(HMM:0.00055) |
| 24006 | OJ000107_02.0426.C11.p1.np | zf-ccch(HMM:0.0001) |
| 24007 | OJ000107_02.0426.C11.p2.np | zf-ccch(HMM:0.00055) |
| 24008 | OJ000223_02.0405.C6.p6.np | zf-ccch(HMM:1.4e-18) |
| 24009 | OJ000229_23.0323.C18.p2.np | zf-ccch(HMM:0.062) |
| 24010 | OJ000251_47.0320.C2.p1.np | zf-ccch(HMM:5.3e-09) |
| 24011 | OJ000251_48.0228.C51.p4.np | zf-ccch(HMM:3.7e-22) |
| 24012 | OJ000303_26.0411.C16.p1.np | zf-ccch(HMM:5.5e-22) |
| 24013 | OJ000315_27.0419.C11.p1.np | zf-ccch(HMM:0.014) |
| 24014 | OJ000316_09.0419.C22.p1.np | zf-ccch(HMM:0.046) |
| 24015 | OJ000316_19.0419.C13.p1.np | zf-ccch(HMM:8.4e-05) |
| 24016 | OJ000316_19.0419.C7.p2.np | zf-ccch(HMM:3.7e-08) |
| 24017 | OJ000316_19.0419.C7.p3.np | zf-ccch(HMM:2.6) |
| 24018 | OJ000320_03.0419.C25.p1.np | zf-ccch(HMM:0.096) |
| 24019 | OJ000320_03.0419.C38.p1.np | zf-ccch(HMM:0.04) |
| 24020 | OJ000321_31.0411.C3.p1.np | zf-ccch(HMM:5.3e-09) |
| 24021 | OJ000324_30.0413.C8.p1.np | zf-ccch(HMM:3e-19) |
| 24022 | OJ000324_30.0420.C21.p1.np | zf-ccch(HMM:3e-19) |
| 24023 | OJ000327_09.0424.C31.p1.np | zf-ccch(HMM:6.8e-08) |
| 24024 | OJ000450_13.0410.C4.p12.np | zf-ccch(HMM:1.3e-16) |
| 24025 | OJ990312_14.9819.C4.p2.np | zf-ccch(HMM:1.5e-23) |
| 24026 | OJ990318_06.0228.C53.p1.np | zf-ccch(HMM:3.7e-22) |
| 24027 | OJ990527_23.9C10.C3.p3.np | zf-ccch(HMM:0.062) |
| 24028 | OJ990612_47.9927.C8.p1.np | zf-ccch(HMM:5.2e-15) |
| 24029 | OJ990825_16.0303.C4.p2.np | zf-ccch(HMM:1.5e-23) |
| 24030 | OJ991007_03.0421.C6.p1.np | zf-ccch(HMM:3.5e-06) |
| 24031 | OJ991007_03.9C27.C6.p1.np | zf-ccch(HMM:3.5e-06) |
| 24032 | OJ991012_10.0127.C24.p1.np | zf-ccch(HMM:3e-19) |
| 24033 | OJ991027_16.0118.C9.p1.np | zf-ccch(HMM:0.014) |
| 24034 | OJ991121_44.0419.C40.p1.np | zf-ccch(HMM:0.062) |
| 24035 | OJ991208_06.0107.C1.p1.np | zf-ccch(HMM:1.5e-23) |
| 24036 | OJ991216_10.0211.C10.p2.np | zf-ccch(HMM:2e-15) |
| 24037 | OJ000110_08.0128.C7.p4.np | zf-cche(HMM:1.6e-24) |
| 24038 | OJ000110_08.0426.C7.p4.np | zf-cche(HMM:1.6e-24) |
| 24039 | OJ000114_17.0225.C8.p3.np | zf-cche(HMM:2.1e-13) |
| 24040 | OJ000118_04.0218.C6.p3.np | zf-cche(HMM:0.0028) |
| 24041 | OJ000118_04.0310.C5.p3.np | zf-cche(HMM:0.0028) |
| 24042 | OJ000119_07.0209.C5.p1.np | zf-cche(HMM:8.2e-11) |
| 24043 | OJ000150_29.0124.C79.p3.np | zf-cche(HMM:1.9e-15) |
| 24044 | OJ000207_11.0306.C1.p3.np | zf-cche(HMM:0.0028) |
| 24045 | OJ000211_12.0419.C12.p1.np | zf-cche(HMM:1.1e-18) |
| 24046 | OJ000221_01.0313.C12.p2.np | zf-cche(HMM:0.00058) |
| 24047 | OJ000221_21.0314.C12.p1.np | zf-cche(HMM:2.6e-20) |

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| 24102 | OJ990315_09.0128.C32.p1.np | zf-constans(HMM:0.0002) |
| 24103 | OJ990317_09.0421.C16.p1.np | zf-constans(HMM:1.4e-28) |
| 24104 | OJ990317_09.9C20.C16.p1.np | zf-constans(HMM:1.4e-28) |
| 24105 | OJ990318_16.9819.C4.p7.np | zf-constans(HMM:3.2) |
| 24106 | OJ990318_16.9819.C4.p8.np | zf-constans(HMM:2.8) |
| 24107 | OJ990318_16.9819.C4.p9.np | zf-constans(HMM:2.8) |
| 24108 | OJ990517_13.9A08.C40.p1.np | zf-constans(HMM:9.5e-29) |
| 24109 | OJ990528_29.9C10.C2.p2.np | zf-constans(HMM:2.1e-39) |
| 24110 | OJ990528_30.9919.C2.p2.np | zf-constans(HMM:3.4e-38) |
| 24111 | OJ990627_42.9B05.C9.p3.np | zf-constans(HMM:9.5e-29) |
| 24112 | OJ990728_09.9B18.C2.p8.np | zf-constans(HMM:9.5e-29) |
| 24113 | OJ991108_19.0419.C61.p1.np | zf-constans(HMM:5.4e-15) |
| 24114 | OJ991201_14.0118.C4.p7.np | zf-constans(HMM:2.8e-08) |
| 24115 | OJ000350_57.0313.C28.p1.np | zf-mynd(HMM:0.00078) |
| 24116 | OJ000450_13.0410.C3.p6.np | zf-mynd(HMM:1.5e-08) |
| 24117 | OJ990514_12.0103.C8.p1.np | zf-mynd(HMM:1.2e-09) |
| 24118 | OJ990710_46.9A26.C16.p1.np | zf-mynd(HMM:1.7e-06) |
| 24119 | OJ990714_12.0419.C25.p1.np | zf-mynd(HMM:1.2e-09) |
| 24120 | OJ990809_11.9C01.C9.p1.np | zf-mynd(HMM:1e-10) |
| 24121 | OJ991011_13.0103.C4.p1.np | zf-mynd(HMM:5.4e-12) |
| 24122 | OJ991106_38.0419.C23.p1.np | zf-mynd(HMM:1.8e-07) |
| 24123 | OJ991215_03.0128.C9.p1.np | zf-mynd(HMM:5.4e-12) |
| 24124 | OJ000111_09.0210.C5.p2.np | zz(HMM:9.7e-06) |
| 24125 | OJ000111_09.0303.C5.p2.np | zz(HMM:9.7e-06) |
| 24126 | OJ000111_09.0426.C5.p2.np | zz(HMM:9.7e-06) |
| 24127 | OJ000115_32.0301.C4.p2.np | zz(HMM:0.001) |
| 24128 | OJ000115_32.0414.C2.p2.np | zz(HMM:0.00067) |
| 24129 | OJ000308_26.0403.C7.p2.np | zz(HMM:9.7e-06) |
| 24130 | OJ000310_37.0419.C11.p1.np | zz(HMM:0.0019) |
| 24131 | OJ990330_12.9922.C16.p1.np | zz(HMM:0.021) |
| 24132 | OJ990330_12.9922.C23.p1.np | zz(HMM:0.013) |
| 24133 | OJ990616_02.9C23.C8.p1.np | zz(HMM:5.3e-14) |
| 24134 | OJ990616_02.9C23.C8.p2.np | zz(HMM:9.7e-06) |
| 24135 | OJ990818_13.0217.C19.p1.np | zz(HMM:0.0019) |
| 24136 | OJ990818_13.0317.C7.p1.np | zz(HMM:0.0019) |
| 24137 | OJ990823_10.9C08.C18.p1.np | zz(HMM:0.021) |
| 24138 | OJ990830_07.9A25.C32.p1.np | zz(HMM:0.021) |
| 24139 | OJ991019_16.0118.C21.p1.np | zz(HMM:3.9e-09) |
| 24140 | OJ991019_16.0118.C21.p2.np | zz(HMM:3.9e-09) |
| 24141 | OJ991019_19.0306.C2.p2.np | zz(HMM:3.9e-09) |
| 24142 | OJ991101_05.0202.C1.p2.np | zz(HMM:0.013) |
| 24143 | OJ991101_05.0202.C12.p2.np | zz(HMM:0.021) |